55-1520-238-PM

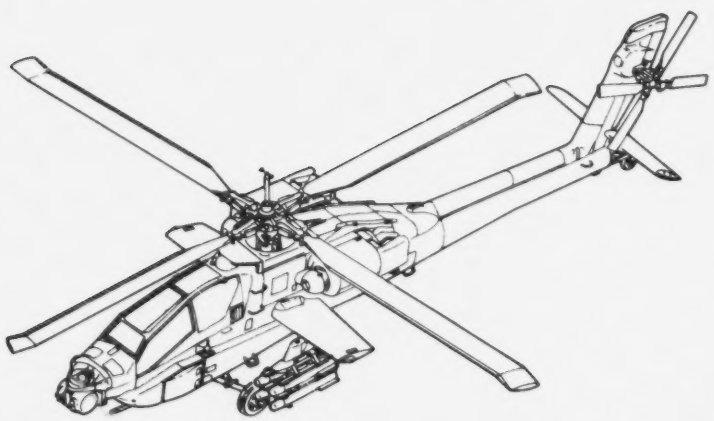
TM 55-1520-238-PM

TECHNICAL MANUAL

PHASED MAINTENANCE INSPECTION CHECKLIST

FOR

ARMY
AH-64A HELICOPTER



This copy is a reprint which includes current pages from Changes 1 through 3.

HEADQUARTERS DEPARTMENT OF THE ARMY

31 OCTOBER 1986

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READEX FICHE best copy available

URGENT

TM 55-1520-238-PM
C 3

CHANGE
NO. 3

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 8 August 1988

AH-64A HELICOPTER

PHASED MAINTENANCE CHECKLIST

TM 55-1520-238-PM, 31 October 1986, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages	Insert pages
2-55 and 2-56	2-55 and 2-56
2-63 and 2-64	2-63 and 2-64
2-75 and 2-76	2-75 and 2-76
	2-76.1/2-76.2
2-81 and 2-82	2-81 and 2-82
2-115 and 2-116	2-115 and 2-116
2-119 and 2-120	2-119 and 2-120

2. Retain these sheets in front of manual for reference purposes.

URGENT

TM 55-1520-238-PM
C 3

By Order of the Secretary of the Army:

CARL E. VUONO
General, United States Army
Chief of Staff

Official:

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:
To be distributed in accordance with DA Form 12-31, PM requirements for AH-64A Helicopter, Attack (APACHE).

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TM 55-1520-238-PM
C2

CHANGE
NO. 2

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AH-64A HELICOPTER

PHASED MAINTENANCE CHECKLIST

TM 55-1520-238-PM, 31 October 1986, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove Pages	Insert Pages
2-55 and 2-56	2-55 and 2-56
2-63 and 2-64	2-63 and 2-64
2-71 and 2-72	2-71 and 2-72
2-75 and 2-76	2-75 and 2-76
2-85 and 2-86	2-85 and 2-86
2-93 and 2-94	2-93 and 2-94
2-99 and 2-100	2-99 and 2-100
2-111 and 2-112	2-111 and 2-112
2-115 and 2-116	2-115 and 2-116

2. Retain these sheets in front of manual for reference purposes.

TM 55-1520-238-PM
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(4)

URGENT

TM 55-1520-238-PM
C 1

CHANGE NO. 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 26 February 1988

AH-64A HELICOPTER

PHASED MAINTENANCE CHECKLIST

TM 55-1520-238-PM, 16 December 1985, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages	Insert pages
2-75 through 2-78	2-75 through 2-78

2. Retain these sheets in front of manual for reference purposes.

URGENT

(5)

TM 55-1520-238-PM
C 1

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*TM 55-1520-238-PM

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., *31 October 1986*

AH-64A HELICOPTER

PHASED MAINTENANCE CHECKLIST

WARNING

CERTAIN INSPECTIONS ARE MANDATORY SAFETY-OF-FLIGHT REQUIREMENTS, AND THE INSPECTION INTERVALS CANNOT BE EXCEEDED. IN THE EVENT THESE INSPECTIONS CANNOT BE ACCOMPLISHED AT THE SPECIFIED INTERVAL, THE AIRCRAFT CONDITION STATUS SYMBOL WILL BE IMMEDIATELY CHANGED TO A RED X. MANDATORY SAFETY-OF-FLIGHT INSPECTION ITEMS ARE PRINTED IN BOLD FACE TYPE.

NOTE

INSPECTION ITEMS CONTAINED IN THIS MANUAL ARE CONSIDERED THE MINIMUM REQUIREMENTS FOR PERFORMING PHASED MAINTENANCE AND MUST BE PERFORMED. THE CUMULATIVE EFFECTS OF INSPECTION DEFERRALS ARE UNKNOWN AND COULD RESULT IN CATASTROPHIC FAILURE OR INCREASED MAINTENANCE AT A LATER DATE. THEREFORE, THE USE OF SPECIAL LETTERING TO EMPHASIZE MANDATORY SAFETY-OF FLIGHT INSPECTION ITEMS IS NOT TO BE CONSTRUED AS AUTHORITY FOR DEFERRAL OF OTHER INSPECTIONS.

*This manual supersedes TM 55-1520-238-PM, 16 December 1985, including all changes.

SECTION I. GENERAL INFORMATION

PHASED SCHEDULE. This phased maintenance inspection checklist contains requirements for inspection of the AH-64A helicopter on a phased schedule having a 1000-hour (flight hours) cycle with 250-hour phases. Each requirement included herein is designated for accomplishment at least once, but not more than four times during the 1000-hour cycle.

EXCEEDING THE PHASED SCHEDULE. The phased maintenance inspection intervals designated are the maximum and shall not be exceeded except in actual operational emergencies as explained herein. It is the Commander's responsibility to determine (on an individual aircraft basis) when inspection intervals may be exceeded. For this purpose, operational emergencies are conditions of combat, or conditions of disaster which necessitate flight to evacuate aircraft or personnel. When aircraft are operated beyond the normal inspection due time because of such emergency situations, a circled red X status symbol and an appropriate statement (to include authority) must be entered in block 16 and 17 of DA Form 2408-13 (Aircraft Inspection and Maintenance Record) until such time as the inspection is complete. When inspections are delayed to meet emergency requirements, Commanders will assure that the aircraft status symbol reverts to a red X and that delayed inspections are accomplished immediately upon termination of the actual emergency. When unusual local conditions (utilization, type of mission, personnel, periods of inactivity, environmental conditions, etc.) dictate, it is the prerogative and responsibility of the Maintenance Officer to increase the scope and/or frequency of maintenance or inspection as necessary to ensure safe operation (TM 55-1500-328-25).

MAINTENANCE ACTIVITIES. The inspections prescribed by this checklist will be accomplished at specified phases by Aviation Unit Maintenance (AVUM) activities with assistance of Aviation Intermediate (AVIM) and Depot Maintenance activities when required.

LIMITATIONS. The checklist does not contain instructions for repair, adjustment or other means of rectifying conditions. Neither does it contain special tolerances, limits or instructions for special troubleshooting to find causes for malfunctions. Such data will be obtained from the latest issue of the aircraft TM 55-1520-238-23 series Maintenance Manuals.

CHANGEOVER TO THE PHASED MAINTENANCE SYSTEM. Changeover shall be accomplished in accordance with instructions provided in TB 55-1500-337-24 entitled, "Phased Maintenance System for Army Aircraft". The requirements of this TB must be accomplished prior to implementation of Phase 1 inspection requirements specified in this checklist.

PRE-INSPECTION MAINTENANCE TEST FLIGHT (MTF). A pre-inspection MTF to duplicate non-hazardous equipment problems, determine unsatisfactory conditions, determine equipment operation problems, etc., is recommended prior to start of aircraft disassembly for phased maintenance inspection. The decision to perform the pre-inspection MTF, however, shall be the responsibility of the unit Maintenance Officer.

SPECIAL INSPECTIONS, CALENDAR INSPECTIONS AND LUBRICATION REQUIREMENTS. Special inspections, calendar inspections and lubrication requirements contained in TM 55-1520-238-23 and those listed on the aircraft's DA Form 2408-18 shall be reviewed and accomplished in accordance with the 'inspection due' requirements specified in those documents.

TIME BETWEEN OVERHAUL (TBO) AND RETIREMENT LIFE ITEMS CHECK. Prior to start of the applicable phased maintenance inspection, a check will be made of components and their remaining operating hours prior to removal. The latest issue of the aircraft's TM 55-1520-238-23 and DA Form 2408-16 shall be referred to for a complete listing of components and their TBO and retirement life.

USING THE PHASED INSPECTION CHECKLIST.

a. A new checklist shall be used each time phased maintenance is due on the aircraft. This checklist is arranged such that it can be separated by area and distributed to the maintenance crew.

(1) Space is provided on each checklist form for entering the following data:

(a) The number of the maintenance inspection phase being performed.

(b) Aircraft serial number.

(c) Date of the inspection.

(d) Total hours. (Block provided for local use.)

(2) For each inspection item a column is provided for entering the following data:

(a) Status of the aircraft as the result of the inspection requirement.

(b) Aircraft fault and/or remarks indicated by the inspection requirement.

(c) Action taken to correct the fault.

(d) Initials of person performing the corrective action.

b. This checklist is formatted to eliminate the requirements to use DA Form 2404 as temporary records during phased inspections. Figures 1 thru 3 show examples of methods used to make entries on the phased maintenance checklist forms and the use of supplemental sheets for continuation purposes. This checklist pertains to all AH-64A helicopters and may, therefore, contain inspection requirements applicable to specific equipment not installed on individual aircraft. When this situation is encountered, those requirements that are not applicable need not be performed.

c. A Supplemental Checklist Sheet form (DA Form 4676-R) (figure 3, Sheet 2) provided at the end of Section I of this checklist is to be used for local reproduction. Copies of this form will be used to write up faults, remarks and corrective actions when additional space is required. These supplemental sheets will be used instead of DA Form 2404 in the accomplishment of the phased maintenance inspections.

d. Faults and remarks on the DA Form 2408-13 and DA Form 2408-14 may be transcribed to this checklist at the discretion of the unit Maintenance Officer.

PHASE NUMBERS. In the column headed "Inspect Phase Nos." and adjacent to the sequence number of each inspection requirement, there will appear the word "ALL" or a series of numbers. The word "ALL" indicates that inspection requirement shall be accomplished at each phase (or at every 250-hour interval) of the 1000-hour cycle. The numbers represent the phase number at which that inspection requirement is to be accomplished. For example, if the numbers 2 and 4 are shown, this indicates that inspection requirement is to be accomplished at phases 2 and 4 only (or at every 500-hour interval). If only one number is indicated, then that inspection requirement is accomplished at that phase (or at every 1000-hour interval). At the completion of phase 4, the cycle starts over again with Phase 1.

STATUS SYMBOLS. The status column will be used only to enter the status symbol of a fault discovered when performing an inspection requirement. The status symbols used are the same as those defined in TM 38-750. The status symbol shall be entered by the person(s) performing the inspection and is determined by the type of fault that is found. Do not enter a horizontal dash (-) on the checklist merely to show a particular inspection requirement is due. If an inspection requirement reveals no fault, a status symbol will not be entered. The person clearing or correcting the fault shall place his last name initial over the status symbol. A red X or a circled red X status symbol will not be initialed over until after the corrective action has been approved and signed off by a Technical Inspector or designated supervisor.

FAULTS AND/OR REMARKS. Fault entries in the Faults and/or Remarks column shall be brief remarks which describe the conditions resulting from the inspection and which require corrective action. The initials of the person making the entry will be entered immediately after the entry. If no fault is found, this column will be left blank.

ACTION TAKEN.

a. Entries in the Action Taken column shall be brief remarks which describe the action taken to correct the fault described in the adjacent Faults and/or Remarks column. When faults are assigned a red X status, the corrective action shall be inspected and signed off by the Technical Inspector or designated supervisor.

b. If no fault was found, an appropriate remark shall be entered in this column to indicate that the inspection was accomplished, i.e., "Inspected and found OK". If an inspection item is not applicable to the particular inspection phase number in work or to specific equipment installed on an individual aircraft, a "N/A" entry is required. The initials of the person making the entry shall be entered in the Initial column.

INITIAL. The person correcting the indicated fault shall enter his initials in the initial column opposite the first line of the Action Taken entry.

FINAL RECORDS CHECK. After all corrective actions have been completed and following completion of the phased inspection, the Technical Inspector or designated supervisor shall verify that all applicable forms and records have been properly updated. All uncorrected faults shall be entered on DA Form 2408-13, prepared for that date or to the DA Form 2408-14. A Final Records Checklist (table I) is provided to ensure forms and records have been inspected for completeness and accuracy prior to release of the aircraft from the phased maintenance inspection. The inspector verifying the final records check shall enter his initials adjacent to the indicated form or record on the Final Records Checklist. The initials entered shall be registered on the Signature Sheet (table II) adjacent to that person's signature.

SIGNATURE SHEET. All personnel performing inspection and/or maintenance tasks shall place their signatures and initials on the signature sheet (table II). The purpose of the signature sheet is to provide a correlation between initials entered on the individual checklist sheets and the actual names of the personnel accomplishing these tasks.

MAINTENANCE OPERATIONAL CHECKS. After the completion of any required corrective actions to any of the components of a functional system of the aircraft, maintenance operational checks (MOC) shall be performed on that system to determine the effectiveness of the maintenance actions performed and to verify the proper operation of that system. These MOC shall be performed in accordance with TM 55-1500-328-25. Copies of supplemental sheets (DA Form 4676-R), may be used to record and sign off the Maintenance Operational Checks performed.

MAINTENANCE TEST FLIGHT. When all required inspections in Section II have been accomplished and initialed in accordance with the above procedure, a daily inspection in accordance with the TM specified in Section II will be performed on the aircraft to permit performance of a maintenance test flight (MTF). The MTF shall be performed in accordance with the requirements of TM 55-1520-238-23 and TM 55-1500-328-25 using the MTF form in the MTF technical manual. A suggested maintenance test flight checksheet (figure 4) and a rotor smoothing record (figure 5) are provided at the end of Section I.

CHECKLIST DISPOSITION. The completion of each phased maintenance inspection shall be recorded on DA Form 2408-13 as prescribed by TM 38-750. The signed checklist, together with all continuation sheets, shall be attached to DA Form 2408-13, and filed for the six months period as required by TM 38-750. At the end of the six months period, these records shall be transferred to, and filed with, the aircraft historical records, until that same phase is repeated during the next cycle (e.g., the checklist, added continuation sheets, and DA Form 2408-13 for Phase 1 Cycle 1, shall remain on file in the aircraft historical records until Phase 1 Cycle 2 is completed).

INSPECTION AREAS. Figure 6 reflects the inspection areas of the AH-64A helicopter. Those areas are titled as shown. Figure 7 shows the location of access doors and panels which require removal at various phased maintenance inspections.

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS. You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA forms 2028-2 located in the back of this manual direct to: Commander, USAAVSCOM, ATTN: AMSAV-MPSD, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished to you.

PHASE NO. 1 — PHASED MAINTENANCE CHECKLIST

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
LEFT FORWARD AVIONICS BAY AND MLG -3	77-23259	4 APR 81	510

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. MLG wheel for cracks, distortion, or corrosion. Hub for grease leakage. Tire for tread damage or uneven wear.			Insp - OK	WCB
ALL	2. MLG wheel brake for fluid leakage, cracked housing or corrosion. Check brake pucks for wear.	D	Corrosion on bottom of brake housing	Cleaned off	WCB WCB
		D	Leakage from housing inlet connection (continued on Supplemental Sheet)	Inlet fitting tightened	WCB WCB
2,4	3. Search light for corrosion, loose or missing fasteners, and security. Lens for cracks or evidence of overheating. Wiring for loose connections, chafing, Deterioration, and security.			N/A	WBC

THIS ITEM NOT APPLICABLE TO PHASE NO. 1

HEAVY LINES ADDED TO SEPARATE FAULTS WITHIN A BLOCK.

EXAMPLE

Entries shown above are fictitious and are intended only to illustrate usage of form.

Figure 1. Example of Phased Maintenance Checklist Title Sheet

PHASE NO. 2	Area Name and No. MAIN TRANSMISSION - 9	Aircraft Serial No. 77-23259	Date 4 APR 81

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	5. Breathers cleaned. Access L200, R200			Insp - OK	WCB
ALL	6. Lube oil and filters changed. Access L200, R200			Insp - OK	WCB GDL
ALL	7. Lube oil level sight gages for cleanliness, leakage, and security. Clean lenses. Access L200, R200	D	Sight gage Loose	Tightened	WCB WCB
2,4	8. INPUT SHAFTS AND COUPLINGS FOR CRACKS, DENTS, DISTORTION, AND CORROSION. Access L200, R200, LN6, RN6	D	No 2 Shaft input coupling diaphram cracked	coupling replaced	WCB WCB
				Insp - OK Harold S. Smith	HSS
	Uncorrected Fault/ Discrepancy from DA form 2408-13	D	Defective Chip detector wiring (6 MAR 81)	Rewired	RCJ RMP

EXAMPLE

TWO PEOPLE PERFORMED THIS INSPECTION. BOTH HAVE INITIALED.

NOTE THAT THE SAME PERSON (WCB) DISCOVERED AND CORRECTED THE FAULT AS EVIDENCED BY SAME INITIALS ON FIRST AND SECOND LINES.

TI INITIALS ON LAST LINE.

TI SIGNED OFF.

A DIFFERENT PERSON CORRECTED THIS FAULT.

INSPECTION ITEM ADDED TO AVAILABLE SPACE ON A CHECKLIST PAGE.

Entries shown above are fictitious and are intended only to illustrate usage of form.

Figure 2. Example of Phased Maintenance Checklist Continuation Sheet

PHASED MAINTENANCE CHECKLIST *(SUPPLEMENTAL SHEET)*

For use of this form, see TM 55-1510 series and TM 55-1520 series, the proponent agency is the US Army Materiel Development and Readiness Command.

Date: 4 APR 81

Phase No.	Area Name and Number	Aircraft Serial No.	Total Hours This Area
1	LEFT FWD AVIONICS BAY AND MLG-3	77-23259	

Inspect Area No.	Inspect Item No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
3	9	(CONTINUED)	D	BRAKE PUCK WORN, UNSERVICEABLE	REPLACED	WCB WCB

A SUPPLEMENTAL SHEET IS USED WHEN SPACE IS NOT AVAILABLE ON CHECKLIST PAGE FOR ALL FAULTS OR CORRECTIVE ACTION.

EXAMPLE

"FOD REMINDER"
Check work area for tools and parts after completion of maintenance and inspection.

Figure 3. Example of Checklist Supplemental Sheet (Sheet 1 of 2)

PHASED MAINTENANCE CHECKLIST *(SUPPLEMENTAL SHEET)*

For use of this form, see TM 55-1510 series and TM 55-1520 series, the proponent agency is the US Army Materiel Development and Readiness Command.

Date			
Phase No.	Area Name and Number	Aircraft Serial No.	Total Hours This Area

Inspect Area No.	Inspect Item No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial

"FOD REMINDER"

Check work area for tools and parts after completion of maintenance and inspection.

Figure 3. Example of Checklist Supplemental Sheet (Sheet 2 of 2)

AH-64A MAINTENANCE TEST FLIGHT CHECKSHEET - SUGGESTED FORMAT

A/C NO.	PURPOSE OF TEST FLIGHT			DATE
PILOT AND UNIT				TIME
GROSS WEIGHT LB	C. G.	FAT °C	PRESS ALT	DENSITY ALT

SYMBOLS: ✓ = SATISFACTORY X = UNSATISFACTORY

PRIOR TO MTF	
INTERIOR CHECK - CPG	
INTERIOR CHECK - PILOT	
BEFORE STARTING APU - PILOT / CPG	
1. ICS SYSTEM	
2. CAUTION / WARNING PANELS	
3. FIRE DETECTORS	
STARTING APU - PILOT / CPG	
1. APU START	
AFTER STARTING APU - PILOT	
1. GENERATOR SYSTEM	
a. GEN 1	
b. GEN 2	
2. ECS	
3. HARS	
4. RAD ALT	
5. AVIONICS	
6. ANTI-ICE, DE-ICE	
a. ENG INLET ICE DET	
b. PITOT – AD SNSR	
c. CANOPY DEFOG	
7. TADS	
8. PNVS	
9. WEAPON SYSTEMS	
10. FLIGHT CONTROLS	
11. POWER LEVERS	
12. FIRE PULL TEST	

STARTING ENGINES			
1. ENG 1 START			
a. STARTER CYCLE			SEC.
b. STARTER DROPOUT			%N_G
c. TIME TO IDLE			SEC
d. IDLE SPEED			%N_G
e. OIL PRESSURE			PSI
f. TGT			°C
2. ENG 2 START			
a. STARTER CYCLE			SEC.
b. STARTER DROPOUT			%N_G
c. TIME TO IDLE			SEC
d. IDLE SPEED			%N_G
e. OIL PRESSURE			PSI
f. TGT			°C
3. ENG (FLY)	1	2	
a. N_G	%	%	
b. N_P	%	%	
c. N_R	%	%	
d. TGT	°C	°C	
e. OIL PRESS	PSI	PSI	
f. TORQUE	%	%	

S840275 - 5E

Figure 4. Example of Maintenance Test Flight Checksheet (Sheet 1 of 3)

ENGINE RUNUP			FLIGHT CHECK		
1. 1 "G" SPRING	1	2	1. TAKEOFF		
a. TORQUE	%	%	2. CRUISE		
2. ENGINE CHOP CIRCUIT			3. AUTOROTATION		
3. ENGINE OVERSPEED TEST			a. PRESS ALT		FT
a. ENG 1			b. FAT		°C
b. ENG 2			c. N_R		%
4. ECU LOCKOUT			4. ATTITUDE HOLD		
a. ENG 1			5. MANEUVERING FLIGHT		
b. ENG 2			6. POS / NEG "G" CHECK		
5. FUEL SYSTEM			7. V_H FLIGHT		
BEFORE TAXI CHECK			a. TORQUE		%
1. DEK – FD / LS			b. TGT		°C
a. XMN 1	PSI	°C	c. N_G		%
b. XMN 2	PSI	°C	d. IAS		KNOTS
c. NGB 1	PSI	°C	e. TAS		KNOTS
d. NGB 2	PSI	°C	f. PRESS ALT		FT
2. ENG	1	2	g. FAT		°C
a. N_G	%	%	8. ENGINE PERFORMANCE		
b. N_P	%	%	a. PRESS ALT		FT
c. N_R	%	%	b. FAT		°C
d. TGT	°C	°C	ENG	1	2
e. OIL PRESS	PSI	PSI	c. TGT	°C	°C
f. TORQUE	%	%	d. TORQUE	%	%
3. HIT CHECK			e. N_G	%	%
TAXI CHECK			f. OIL PRESS	PSI	PSI
1. WHEEL BRAKES			9. NAV / COMM		
2. ENG/TRANS/ROTOR INSTRUMENTS			10. PNVS		
BEFORE HOVER / TAKEOFF			11. TADS		
HOVER			12. WEAPON SYSTEMS		
1. IINITIAL HOVER			*BEFORE LANDING*		
2. INSTRUMENTS			*AFTER LANDING*		
3. HOVER MANEUVERING			*ENGINE SHUTDOWN*		
4. DASE/HAS			1. APU FIRE PULL		
5. VISIONICS			2. EMERGENCY HYDRAULICS		
			UTIL ACC PRESSURE		PSI
			BEFORE LEAVING HELICOPTER		

S840275 - 6E

Figure 4. Example of Maintenance Test Flight Checksheet (Sheet 2 of 3)

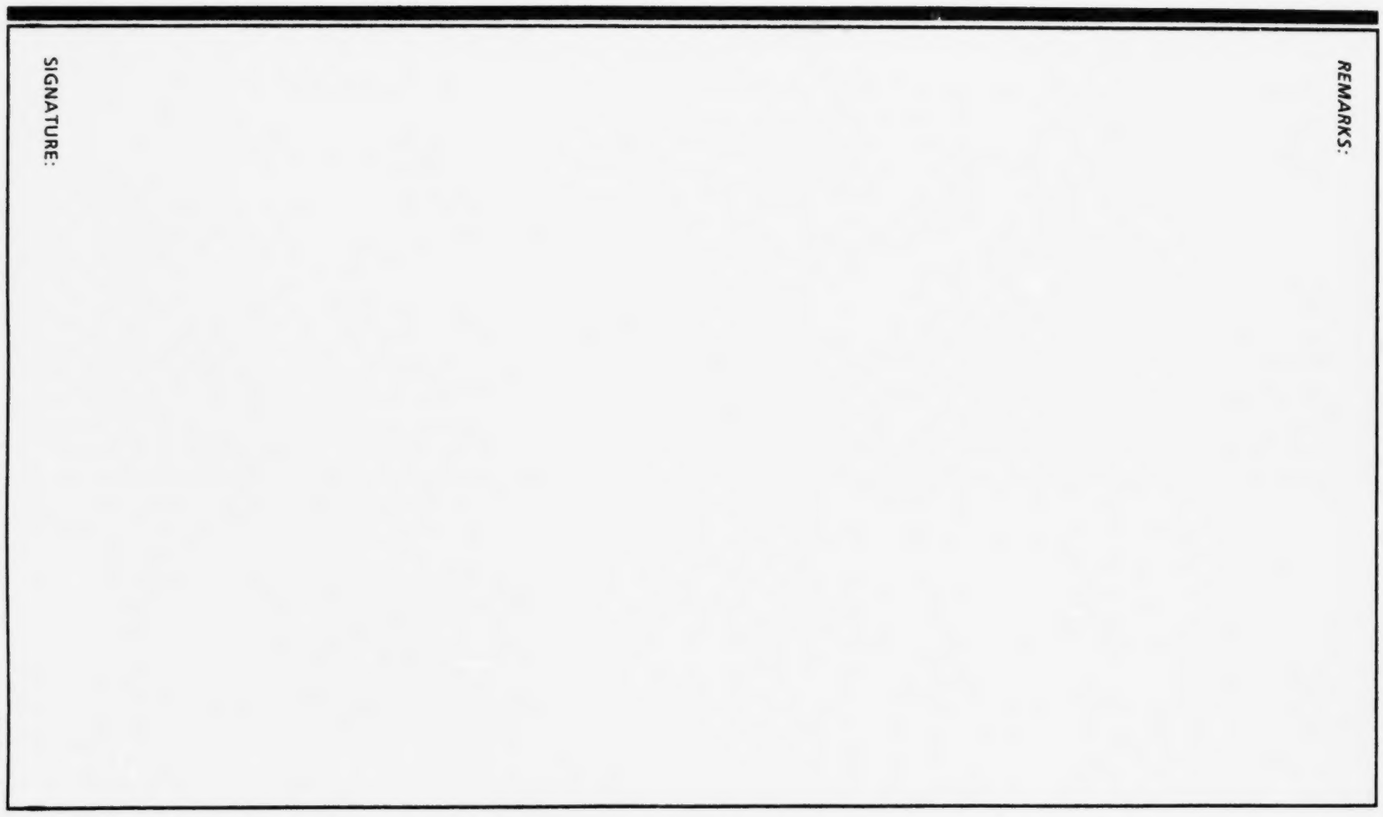


Figure 4. Example of Maintenance Test Flight Checksheet (Sheet 3 of 3)

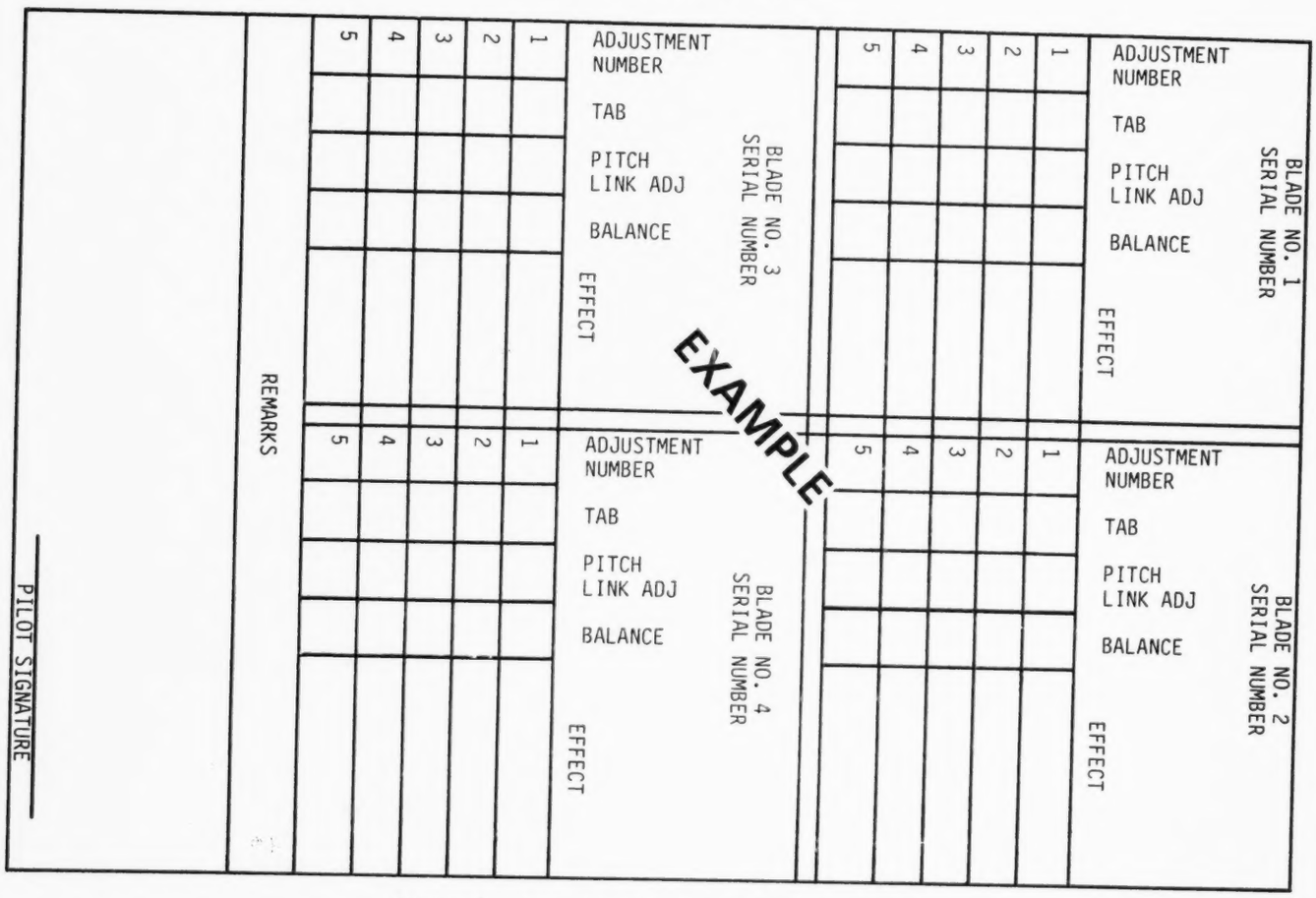
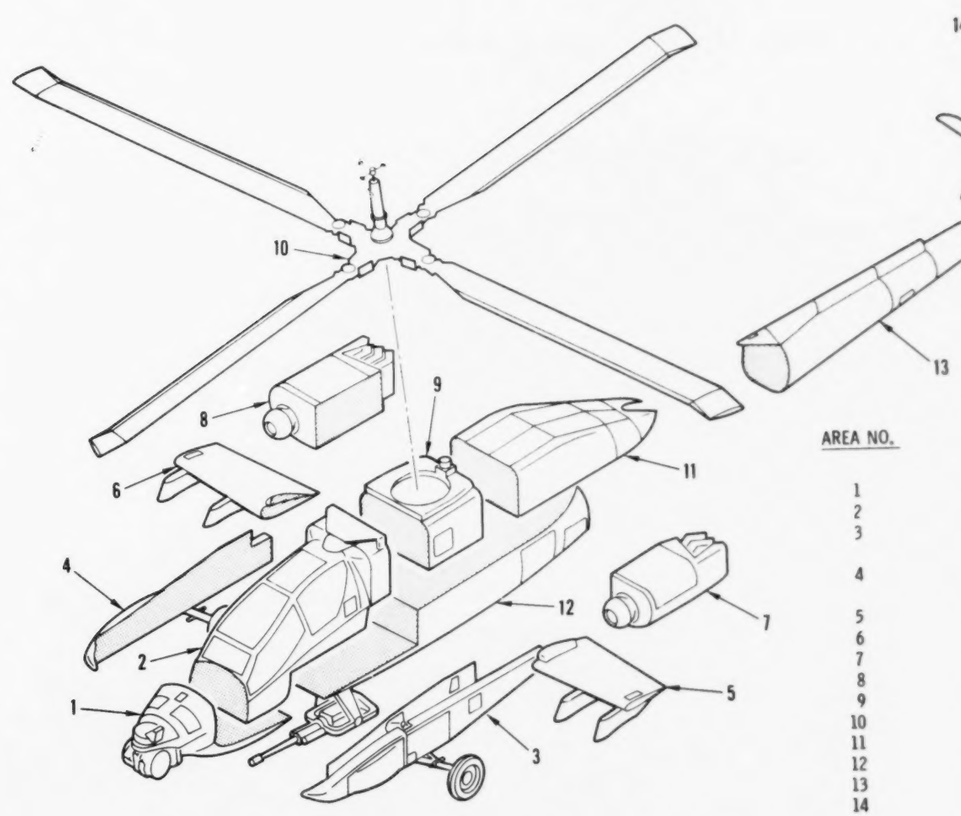


Figure 5. Example of Rotor Smoothing Record



AREA NO.	AREA TITLE
1	FORWARD FUSELAGE
2	CREW STATIONS
3	LEFT FORWARD AVIONICS BAY AND MAIN LANDING GEAR
4	RIGHT FORWARD AVIONICS BAY AND MAIN LANDING GEAR
5	LEFT WING AND PYLONS
6	RIGHT WING AND PYLONS
7	LEFT ENGINE AND NOSE GEARBOX
8	RIGHT ENGINE AND NOSE GEARBOX
9	MAIN TRANSMISSION
10	MAIN ROTOR
11	AFT EQUIPMENT BAY
12	MID AND LOWER FUSELAGE
13	AFT FUSELAGE
14	EMPENNAGE, TAIL ROTOR, AND TAIL LANDING GEAR

MM06-002A

Figure 6. Inspection Area Diagram

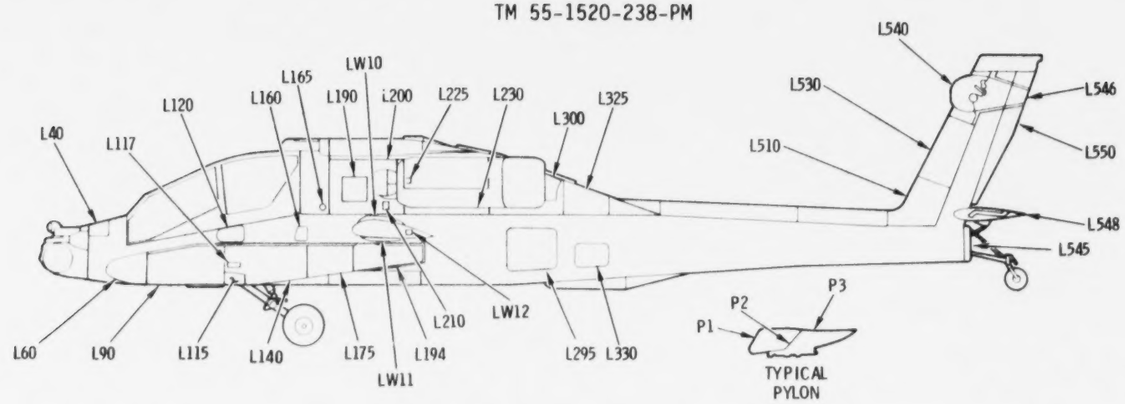
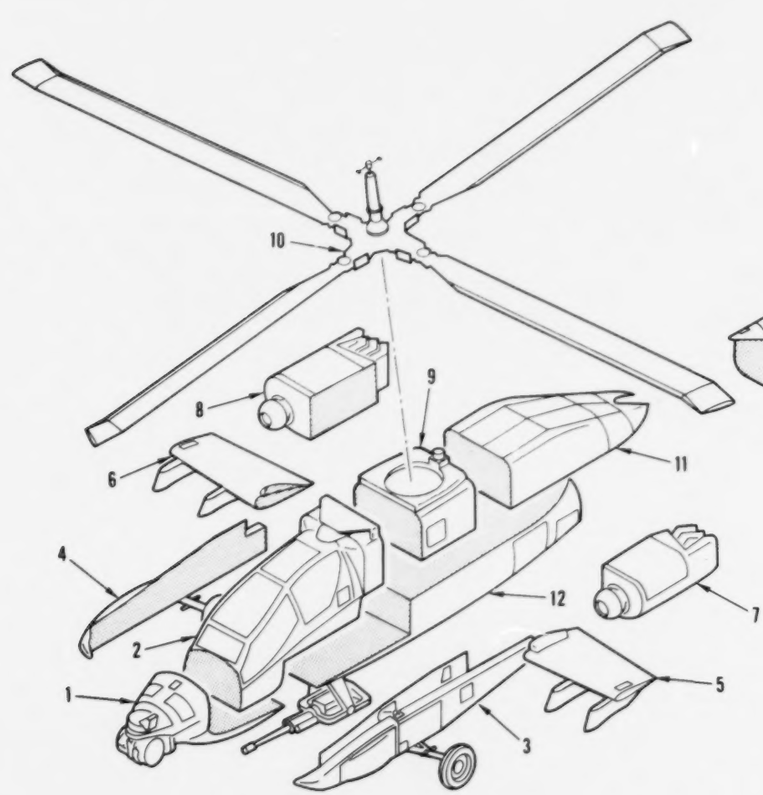


Figure 7. Inspection Access Provisions (Sheet 1 of 2)

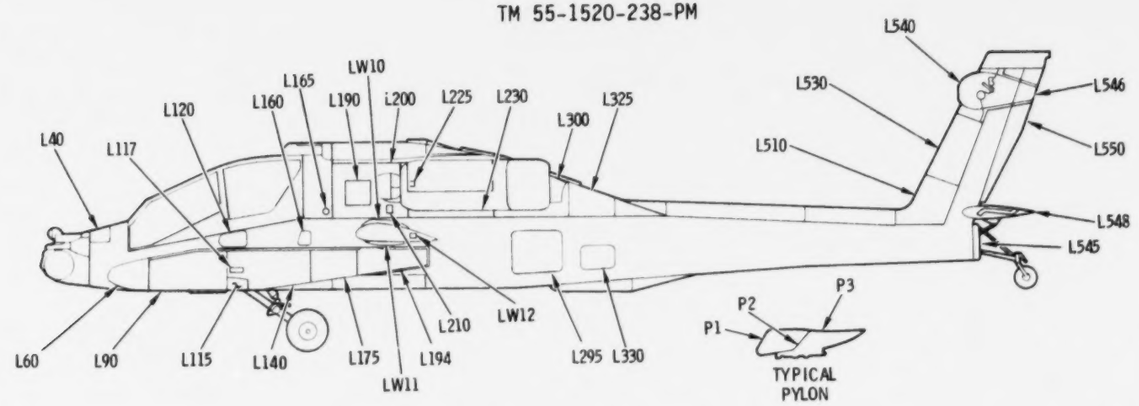
MM06-003-1A



AREA NO.	AREA TITLE
1	FORWARD FUSELAGE
2	CREW STATIONS
3	LEFT FORWARD AVIONICS BAY AND MAIN LANDING GEAR
4	RIGHT FORWARD AVIONICS BAY AND MAIN LANDING GEAR
5	LEFT WING AND PYLONS
6	RIGHT WING AND PYLONS
7	LEFT ENGINE AND NOSE GEARBOX
8	RIGHT ENGINE AND NOSE GEARBOX
9	MAIN TRANSMISSION
10	MAIN ROTOR
11	AFT EQUIPMENT BAY
12	MID AND LOWER FUSELAGE
13	AFT FUSELAGE
14	EMPENNAGE, TAIL ROTOR, AND TAIL LANDING GEAR

MM06-002A

Figure 6. Inspection Area Diagram



MM06-003-1A

Figure 7. Inspection Access Provisions (Sheet 1 of 2)

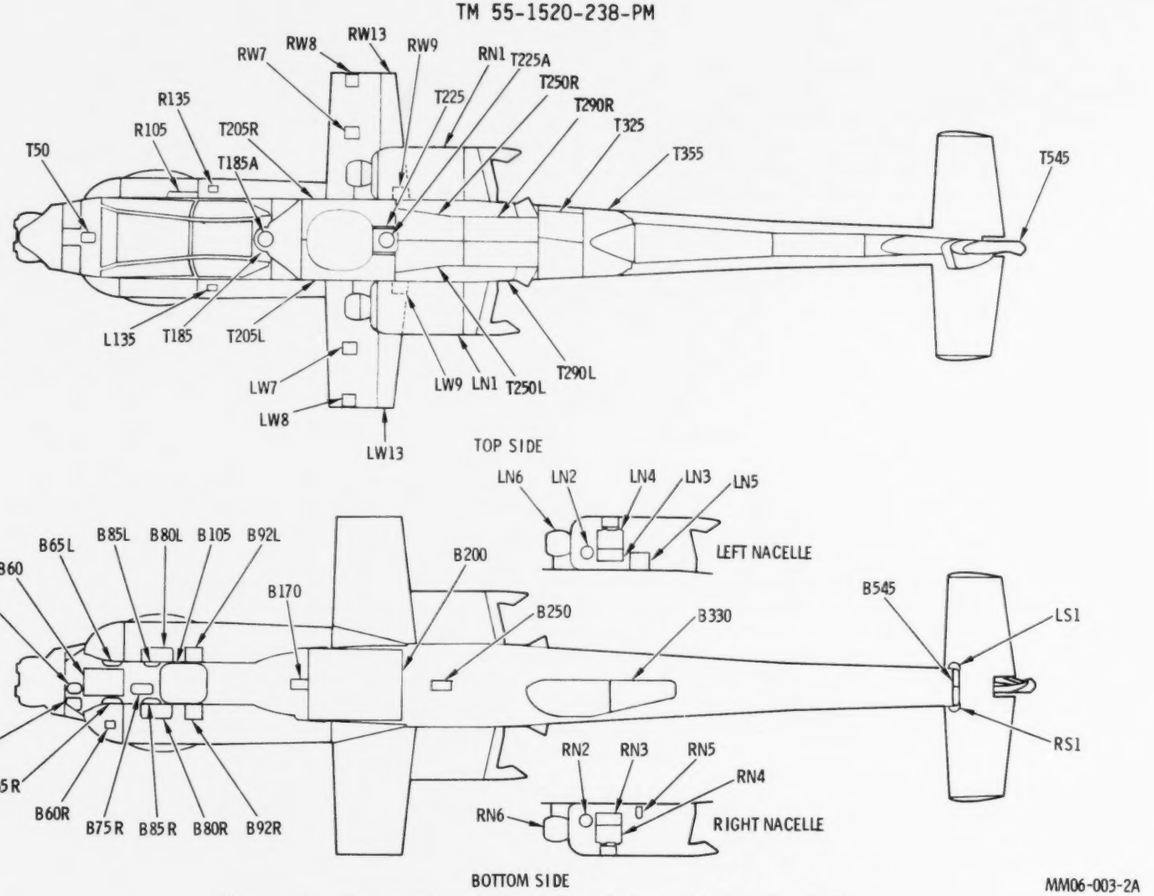


Figure 7. Inspection Access Provisions (Sheet 2 of 2)

Table I. Final Records Checklist

This checklist is provided to insure the indicated forms and records have been inspected for presence, completeness, legibility and accuracy prior to releasing the aircraft from a phased inspection. Verification of inspection will be indicated by placing the initials of the inspector in the appropriate initial block.

AIRCRAFT LOG BOOK	INITIAL	HISTORICAL RECORDS	INITIAL
DA FORM 2408		DA FORM 2408-5	
DA FORM 2408-12			
DA FORM 2408-13			
DA FORM 2408-14		DA FORM 2408-9	
DA FORM 2408-18		DA FORM 2408-15	
TM 55-1520-238-PMD		DA FORM 2408-16	
		DA FORM 2408-17	
TM 55-1520-238-MTF		DA FORM 2408-19	
LOCALLY REQUIRED FORMS		LOCALLY REQUIRED FORMS	

PRODUCTION CONTROL RECORDS	INITIAL	QUALITY CONTROL	INITIAL
FLOW CHART		TBO FILE	
STATUS BOARD		QA FILE	
WORK ORDER FILE		SERIAL NUMBER FILE	
MWO FILE		AOAP FILE	
CONFIGURATION CHART		INVENTORY RECORDS	
2405 LOG		WEIGHT AND BALANCE	
1352 REPORTS		MSG FILE	
LOCAL RECORDS		DA FORM 2410 SUBMITTED	
		LOCAL RECORDS	

Table II. Signature Sheet

Signature of Person Accomplishing Necessary Work	Initial
Signature of Person Accomplishing Necessary Work	Initial
Signature of Person Accomplishing Necessary Work	Initial
Signature of Person Accomplishing Necessary Work	Initial
Signature of Person Accomplishing Necessary Work	Initial
Signature of Person Accomplishing Necessary Work	Initial
	Initial
	Initial
Signature of Maintenance Supervisor	Initial
Signature of Technical Inspector	Initial
Signature of Maintenance Officer	Initial

SECTION II. INSPECTION CHECKLIST

WARNING

ACCIDENTAL ACTUATION OF HELICOPTER POWER PLANT, HYDRAULIC SYSTEM, CANOPY JETTISON SYSTEM, OR FIRING OF ARMAMENT OR STORES JETTISON BALLISTICS MAY CAUSE SEVERE INJURY OR DEATH. BEFORE STARTING INSPECTION, HELICOPTER SAFETY CHECK MUST BE PERFORMED (TM 55-1520-238-23) AND ALL ARMAMENT MUST BE SAFETIED, DEACTIVATED AND CLEARED (TM 9-1090-208-23 AND TM 9-1427-475-23).

NOTE

PRIOR TO START OF THE PHASED MAINTENANCE INSPECTION, IT IS RECOMMENDED THAT A PRE-INSPECTION MAINTENANCE TEST FLIGHT (MTF) BE CONDUCTED. ACCOMPLISHMENT OF THE MTF SHALL BE DETERMINED BY THE UNIT MAINTENANCE OFFICER. THE PRE-INSPECTION MTF SHOULD BE CONDUCTED BY A MAINTENANCE TEST PILOT FOLLOWING A REVIEW OF THE AIRCRAFT FORMS AND RECORDS AND A BRIEFING FROM THE CREW OF THE HELICOPTER. THE MTF IS RECOMMENDED TO ASSESS THE HELICOPTER PERFORMANCE AND IDENTIFY DEFICIENCIES THAT SHOULD BE CORRECTED WHILE THE HELICOPTER IS UNDERGOING PHASED MAINTENANCE INSPECTIONS.

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
GENERAL			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Prior to inspection, check forms and records for recorded deficiencies (table I).				
ALL	2. Fuel tanks will be fully serviced prior to start of phased inspection. If maintenance is to be accomplished which requires defueling, this item may be deferred until after such maintenance is completed.				
ALL	2A. Clean helicopter per TM 55-1500-333-24.				
ALL	3. **PERFORM ENGINE RUN-UP AND CHECK FOR PROPER ENGINE OPERATION PER TM 55-1520-238-MTF.**				

PHASE NO. _____	PHASED MAINTENANCE CHECKLIST				
Area Name and No. FORWARD FUSELAGE - 1		Aircraft Serial No.		Date	Total Hrs. This Area

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware.				
ALL	2. Access panels, fairings, and doors for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinges and supports for damage, binding and security. Latches for security and proper operation. Check for worn or deterioriated seals.				
ALL	3. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. FORWARD FUSELAGE - 1	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware.				
ALL	5. Avionics equipment for proper stowage, external damage, or loose connectors. Wiring harness for chafing or deterioration. Access L40, R40				
ALL	6. TADS/PNVS support fittings for cracks, distortion, corrosion, and cleanliness. Check for worn or deteriorated seals. Upper (brass) bushings for out-of-round condition or distortion. Remove TADS/PNVS for access (TM 9-1270-476-30).				
2,4	7. CPG brake master cylinders for leakage, cracks, and loose or missing hardware. Check hydraulic lines for leakage and connection security. Access B41R, B60				

PHASE NO. _____	Area Name and No. FORWARD FUSELAGE - 1	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	8. FLIGHT CONTROL RODS FOR DENTS, CRACKS, CORROSION, SECURITY, AND EVIDENCE OF INTERFERENCE. CHECK ROD ENDS FOR LOOSENESS. Access B40R, B41R, B60				
2,4	9. FLIGHT CONTROL BELLCRANKS FOR CRACKS, CORROSION, SECURITY, AND EVIDENCE OF INTERFERENCE. CHECK FLOATING BUSHING CLAMP-UP, AND PIVOT BEARINGS FOR LOOSENESS. Access B40R, B41R, B60, B65L, B65R				
2,4	10. CPG DECOUPLER (SPAD) UNITS FOR CRACKS, CORROSION, AND SECURITY, AND EVIDENCE OF INTERFERENCE. CHECK FOR LOOSENESS OR LOST MOTION. Access B60				

PHASE NO. _____	Area Name and No. FORWARD FUSELAGE - 1	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	11. CPG DECOUPLER SHEAR PINS CHECKED FOR DAMAGE OR PARTIAL SHEARING. Access B60				
2,4	12. LVDT's FOR CRACKS, CORROSION, AND MOUNTING SECURITY. WIRING HARNESS FOR LOOSE CONNECTIONS, CHAFING, OR DETERIORATION. Access B40R, B60				
ALL	13. WARNING: DO NOT ATTEMPT TO MOVE JETTISON HANDLE. EXTERIOR CANOPY JETTISON COMPONENTS FOR CUT OR BROKEN TRANSFER TUBES, BULGED OR SWOLLEN UNIONS, MISSING HARDWARE, AND TORN OR MISSING STREAMER. Access T50, L40, R40				

PHASE NO. _____	Area Name and No. FORWARD FUSELAGE - 1	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	14. Canopy emergency release drain hose and outlet for breaks. Access T50, L40, R40				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
CREW STATIONS - 2			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware. Handholds and steps for damage, structural integrity, and mounting security.				
ALL	2. Access panels, fairings, and doors for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinges, struts, and supports for damage, binding and security. Latches for security and proper operation. Check for worn or deteriorated seals.				
ALL	3. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware.				
ALL	5. Pilot door for seal deterioration and proper fit. Hinges for cracks or corrosion. Door mechanism for broken handle or loose cable. Cracked or broken striker plate. Hold-open device for corrosion, loose or worn bearings. Door glass for transparency and cleanliness.				
ALL	6. Pilot magnetic brake trim and feel spring units for cracks, corrosion, and mounting security. Check for looseness or lost motion. Wiring harness for loose connections, chafing, or deterioration.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	10. Pilot seat belt and harness straps for cuts, fraying, and cleanliness. Strap fittings for corrosion and security.				
ALL	11. Pilot seat belt buckle checked for strap attach and release operation.				
ALL	12. Pilot seat harness reel checked for strap lock and release operation. Check released harness straps for free extension and reel-in.				
ALL	13. Pilot seat armor swing plate for mounting security. Check plate lockup, lock release and side swing operation.				
ALL	14. **WARNING: DO NOT MOVE HEIGHT ADJUSTMENT LEVER UNLESS SEAT IS OCCUPIED.** Pilot seat height adjustment checked for binding or jamming. Check for positive release and lock at each height position.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	15. Pilot instrument panel and consoles for loose or missing fasteners. Instruments, control knobs and switches for damage or looseness. Lenses for transparency and cleanliness. Check for damaged or missing grommets. Check all markings for readability.				
ALL	16. **PILOT OVERHEAD CIRCUIT BREAKER PANELS FOR SECURITY, LOOSE OR MISSING FASTENERS. CIRCUIT BREAKERS FOR LOOSENESS OR DAMAGE. CHECK ALL MARKINGS FOR READABILITY.**				
ALL	17. **PILOT CYCLIC STICK FOR SECURITY, WORN BUSHINGS. GRIP SWITCHES FOR DAMAGE OR LOOSENESS. CHECK ALL MARKINGS FOR READABILITY. BASE WIRING HARNESS FOR LOOSE CONNECTIONS, CHAFING, OR DETERIORATION. CONTROL LINKAGE FOR DAMAGE, LOOSENESS, OR EVIDENCE OF INTERFERENCE.**				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	18. PILOT COLLECTIVE STICK FOR SECURITY, WORN BUSHINGS. GRIP SWITCHES FOR DAMAGE OR LOOSENESS. CHECK ALL MARKINGS FOR READABILITY. BASE WIRING HARNESS FOR LOOSE CONNECTIONS, CHAFING, OR DETERIORIATION. CONTROL LINKAGE FOR DAMAGE, LOOSENESS OR EVIDENCE OF INTERFERENCE.				
ALL	19. Pilot collective stick friction collar for cleanliness. Check stick friction at each numbered setting.				
ALL	20. PILOT DIRECTIONAL PEDALS FOR DAMAGE AND SECURITY. CRACKED, BENT OR CORRODED SUPPORTS. CRACKED OR CORRODED ROD ASSEMBLY, WORN BEARINGS. LOOSE OR MISSING ATTACHING HARDWARE. ADJUSTING HANDLE FOR PROPER ATTACHMENT AND OPERATION.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	21. Pilot wheel brakes checked for sponginess at pedals. Check parking brake lock and release operation.				
2,4	22. **PILOT ENGINE POWER CONTROLS FOR BENT, CRACKED, OR BROKEN CABLE SUPPORTS AND BRACKETS. RODS AND ROD ENDS FOR LOOSE OR WORN BEARINGS, LOOSE OR MISSING HARDWARE. CHECK POWER QUADRANT DETENT OPERATION.** Remove pilot left console side panels for interior access.				
ALL	23. Pilot floor for cracks, distortion, loose or missing fasteners.				
2,4	24. **PILOT FLIGHT CONTROL LINKAGE FOR CRACKS, CORROSION, AND SECURITY.** Remove pilot seat and floor panels for access.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date	
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	25. Transparent barrier for transparency and cleanliness, loose or missing fasteners.				
ALL	26. Pilot glare shield for cracks, worn or deteriorated seal, loose or working rivets, loose or missing hardware, debonding of extrusions.				
ALL	27. Pilot curtain for tears, loose or missing screws. Curtain tray for cracks.				
2,4	28. **PILOT WIRING HARNESSES FOR LOOSE OR MISSING ATTACHING HARDWARE, CHAFED WIRES, LOOSE CONNECTIONS, BROKEN TIE-WRAPS. DAMAGED OR CORRODED BRACKETS.** Remove pilot console side panels for access.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	29. Pilot cockpit interior for cleanliness.				
ALL	30. Pilot first aid kit for damage and completeness. Check kit stowed position security.				
ALL	31. **WARNING: DO NOT ATTEMPT TO MOVE JETTISON HANDLE.** **PILOT CANOPY JETTISON COMPONENTS FOR CUT OR BROKEN DETONATION CORDS, BULGED OR SWOLLEN UNIONS, LOOSE OR MISSING HARDWARE. HANDLE SAFETY PIN FOR TORN OR MISSING STREAMER, WORN OR MISSING CABLE.**				
ALL	32. Pilot canopy glass for transparency and cleanliness.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	33. **PILOT WINDSHIELD FOR TRANSPARENCY, CLEANLINESS, AND DISCOLORATION, LOOSE OR MISSING FASTENERS.**				
ALL	34. Pilot windshield wiper blades for deterioration and security. Check wiper arms for damage, loose or missing hardware, and security.				
ALL	35. Pilot station upper structure walkway for peeling or deterioration.				
ALL	36. Doghouse fairing for security of mounted jammer antenna.				
ALL	37. Transponder blade antenna for cracks and mounting security.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	38. CPG door for seal deterioration and proper fit. Hinges for cracks or corrosion. Door mechanism for broken handle or loose cable. Cracked or broken striker plate. Door hold-open device for corrosion, loose or worn bearings. Door glass for transparency and cleanliness.				
ALL	39. CPG seat for cracks, distortion, and security. Upholstery and cushions for tears and cleanliness.				
2,4	40. CPG seat belt and harness straps for cuts, fraying, and cleanliness. Strap fittings for corrosion and security.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	41. CPG seat belt buckle checked for strap attach and release operation.				
ALL	42. CPG seat harness reel checked for strap lock and release operation. Check released harness straps for free extension and reel-in.				
ALL	43. CPG seat armor swing plate for mounting security. Check plate lockup, lock release and side swing operation.				
ALL	44. **WARNING: DO NOT MOVE HEIGHT ADJUSTMENT LEVER UNLESS SEAT IS OCCUPIED.** CPG seat height adjustment checked for binding or jamming Check for positive release and lock at each height position.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	45. CPG instrument panel and consoles for loose or missing fasteners. Instruments, control knobs and switches for damage or looseness. Lenses for transparency and cleanliness. Check for damaged or missing grommets. Check all markings for readability.				
ALL	46. **CPG CYCLIC STICK FOR SECURITY, WORN BUSHINGS. GRIP SWITCHES FOR DAMAGE OR LOOSENESS. CHECK ALL MARKINGS FOR READABILITY. BASE WIRING HARNESS FOR LOOSE CONNECTIONS, CHAFING, OR DETERIORATION. CONTROL LINKAGE FOR DAMAGE, LOOSENESS, OR EVIDENCE OF INTERFERENCE.**				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	47. CPG COLLECTIVE STICK FOR SECURITY, WORN BUSHINGS. GRIP SWITCHES FOR DAMAGE OR LOOSENESS. CHECK ALL MARKINGS FOR READABILITY. BASE WIRING HARNESS FOR LOOSE CONNECTIONS, CHAFING, OR DETERIORATION. CONTROL LINKAGE FOR DAMAGE, LOOSENESS, OR EVIDENCE OF INTERFERENCE.				
ALL	48. CPG collective stick friction collar for cleanliness. Check stick friction at each numbered setting.				
ALL	49. CPG DIRECTIONAL PEDALS FOR DAMAGE AND SECURITY. CRACKED, BENT, OR CORRODED SUPPORTS. CRACKED OR CORRODED ROD ASSEMBLY, WORN BEARINGS, LOOSE OR MISSING ATTACHING HARDWARE. ADJUSTING HANDLE FOR PROPER ATTACHMENT AND OPERATION.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	50. CPG wheel brakes checked for sponginess at pedals. Check brake operation.				
2,4	51. **CPG ENGINE POWER CONTROLS FOR BENT, CRACKED OR BROKEN CABLE SUPPORTS AND BRACKETS. RODS AND ROD ENDS FOR LOOSE OR WORN BEARINGS, LOOSE OR MISSING HARDWARE. CHECK POWER QUADRANT DETENT OPERATION.** Remove CPG left console side panels for interior access.				
ALL	52. CPG floor for cracks, distortion, loose or missing fasteners.				

PHASE NO. _____		Area Name and No. CREW STATIONS - 2		Aircraft Serial No.	Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	53. CPG magnetic brake trim units for cracks, corrosion, and mounting security. Check for looseness or lost motion. Wiring harness for loose connections, chafing, or deterioration.				
2,4	54. **CPG FLIGHT CONTROL LINKAGE FOR CRACKS, CORROSION AND SECURITY.** Remove CPG seat and floor panels for access.				
ALL	55. CPG glare shield for cracks, loose or missing screws or rivets.				
ALL	56. CPG curtain for tears, loose or missing screws. Curtain tray for cracks.				

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PHASE NO. _____	Area Name and No. CREW STATIONS - 2		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	57. CPG glare shield extensions for cracks, damaged bumper edge cushion, loose or working rivets, loose or missing hardware.				
2,4	58. **CPG WIRING HARNESSES FOR LOOSE OR MISSING ATTACHING HARDWARE, CHAFED WIRES, LOOSE CONNECTIONS OR BROKEN TIE-WRAPS. DAMAGED OR CORRODED BRACKETS.** Remove CPG console side panels for access.				
2,4	59. CPG SSU mount for strut failure, loose or missing hardware.				
ALL	60. CPG cockpit interior for cleanliness.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	61. CPG first aid kit for damage and completeness. Check kit stowed position security.				
ALL	62. **WARNING: DO NOT ATTEMPT TO MOVE JETTISON HANDLE.** **CPG CANOPY JETTISON COMPONENTS FOR CUT OR BROKEN DETONATION CORDS, BULGED OR SWOLLEN UNIONS, LOOSE OR MISSING HARDWARE. HANDLE FOR TORN OR MISSING STREAMER, WORN OR MISSING CABLE.**				
ALL	63. CPG canopy glass for transparency and cleanliness.				
ALL	64. **CPG WINDSHIELD FOR TRANSPARENCY, CLEANLINESS, AND DISCOLORATION, LOOSE OR MISSING FASTENERS.**				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	65. CPG windshield wiper blades for deterioration and security. Check wiper arms for damage, loose or missing hardware, and security.				
ALL	66. Pilot brake master cylinders for leakage, cracks and loose or missing hardware. Check hydraulic lines for leakage and connection security. CPG seat tilted forward for access.				
2,4	67. Pilot directional pedal control linkage cover for cracks, corrosion, distortion, loose or missing hardware. Access B90, B120, gun and turret removed.				
2,4	68. Canopy vent for deteriorated or missing seals, missing connecting rod pins, loose or working rivets.				

PHASE NO. _____	Area Name and No. CREW STATIONS - 2		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	69. PILOT COLLECTIVE PUSH-PULL RODS FOR CORROSION, BENDING, WORN, BOUND OR SEIZED BEARINGS, LOOSE OR MISSING HARDWARE, OR EVIDENCE OF INTERFERENCE. Access L160				
ALL	70. PILOT COLLECTIVE BELLCRANK FOR CRACKS, CORROSION, BOUND OR SEIZED BEARINGS. SUPPORT FOR CRACKS, CORROSION OR WORN BEARINGS. LOOSE OR MISSING HARDWARE OR EVIDENCE OF INTERFERENCE. Access L160				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.		Aircraft Serial No.		Date	Total Hrs. This Area	
LEFT FWD AVIONICS BAY AND MLG - 3						
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken		Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware. Handholds and steps for damage, structural integrity, and mounting security.					
ALL	2. Access panels, fairings, and doors for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinges, struts, and supports for damage, binding and security. Latches for security and proper operation. Check for worn or deteriorated seals.					
ALL	3. Interior components for mounting security and loose or missing hardware.					

PHASE NO. _____	Area Name and No. LEFT FWD AVIONICS BAY AND MLG - 3	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware.				
ALL	5. Avionics equipment for proper stowage, external damage, or loose connectors. Wiring harness for chafing or deterioration. Access L60, L90				
2,4	6. Mounting racks for distortion, loose or missing fasteners. Cooling ducts for cracks or distortion. Seals for deterioration. proper fit, and evidence of leakage. Access L60, L90				
ALL	7. Avionics bay for cleanliness and distortion. Access L60, L90, L140, L175, L194 - Step must be removed from L175 prior to removal.				

PHASE NO. _____	Area Name and No. LEFT FWD AVIONICS BAY AND MLG - 3		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	8. Upper panel walkway for peeling or deterioration.				
2,4	9. MLG SHOCK STRUT TOP MOUNT FOR CRACKS, DISTORTION, OR LOOSENESS, LOOSE OR MISSING RIVETS OR FASTENERS. CHECK MOUNTING NUT SAFETY (COTTER PIN).				
2,4	10. MLG TRAILING ARM FOR CRACKS, DISTORTION, OR CORROSION. CROSS TUBE END PIVOT BOSS FOR SECURITY, DAMAGED OR WORN BEARING, LOOSE OR MISSING HARDWARE. HYDRAULIC BRAKE LINE FOR LEAKAGE, DENTS, CORROSION, AND CLAMPING SECURITY.				

PHASE NO. _____	Area Name and No. LEFT FWD AVIONICS BAY AND MLG - 3	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	11. MLG END CAP FOR CRACKS, DISTORTION, FRACTURED WELD, ELONGATED BOLT HOLES.				
2,4	12. MLG SHOCK STRUT FOR LEAKAGE. CRACKS, DISTORTION, OR CORROSION. UPPER AND LOWER ROD ENDS FOR BEARING DAMAGE. CHECK STRUT COMPONENT SAFETYING (LOCK WIRE).				
ALL	13. MLG WHEEL FOR CRACKS, DISTORTION, OR CORROSION. HUB FOR GREASE LEAKAGE. TIRE FOR TREAD DAMAGE OR UNEVEN WEAR. REPACK WHEEL BEARINGS AND CHECK FOR SMOOTH OPERATION.				
2,4	13A. MLG WHEEL KEYS FOR WEAR.				
ALL	14. MLG wheel brake for fluid leakage, cracked housing, or corrosion. Check brake lining for wear. Check hydraulic lines for leakage and connection security.				
2,4	14A. MLG wheel brake key slots for damage or wear.				

PHASE NO. _____	Area Name and No. LEFT FWD AVIONICS BAY AND MLG - 3	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	15. MLG jack-tow pad and step for corrosion, cracks and mounting security.				
ALL	16. Squat switch for deformation, damaged insulation, loose connections, and mounting security. Harness wiring for chafing or deterioration. Check switch operation. Access L115, L140				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
RIGHT FWD AVIONICS BAY AND MLG - 4			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware. Handholds and steps for damage, structural integrity, and mounting security.				
ALL	2. Access panels, fairings, and doors for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinges, struts, and supports for damage, binding and security. Latches for security and proper operation. Check for worn or deteriorated seals.				
ALL	3. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. RIGHT FWD AVIONICS BAY AND MLG - 4		Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware.				
ALL	5. Avionics equipment for proper stowage, external damage, or loose connectors. Wiring harness for chafing or deterioration. Access R60, R90				
2,4	6. Mounting racks for cracks, distortion, loose or missing fasteners. Cooling ducts for cracks or distortion. Seals for deterioration. proper fit, and evidence of leakage. Access R60. R90				
ALL	7. Avionics bay for cleanliness and distortion. Access R60, R90, R140, R155, R175, R194 - Step must be removed from R175 prior to removal.				

PHASE NO. _____	Area Name and No. RIGHT FWD AVIONICS BAY AND MLG - 4	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	8. Upper panel walkway for peeling or deterioration.				
2,4	9. **MLG SHOCK STRUT TOP MOUNT FOR CRACKS, DISTORTION, OR LOOSENESS, LOOSE OR MISSING RIVETS OR FASTENERS. CHECK MOUNTING NUT SAFETY (COTTER PIN).**				
2,4	10. **MLG TRAILING ARM FOR CRACKS, DISTORTION, AND CORROSION. CROSS TUBE END PIVOT BOSS FOR SECURITY, DAMAGED OR WORN BEARING, LOOSE OR MISSING HARDWARE. HYDRAULIC BRAKE LINE FOR LEAKAGE, DENTS, CORROSION, AND CLAMPING SECURITY.**				

PHASE NO. _____	Area Name and No. RIGHT FWD AVIONICS BAY AND MLG - 4	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	11. MLG END CAP FOR CRACKS, DISTORTION, FRACTURED WELD, ELONGATED BOLT HOLES.				
2,4	12. MLG SHOCK STRUT FOR LEAKAGE, CRACKS, DISTORTION, OR CORROSION. UPPER AND LOWER ROD ENDS FOR BEARING DAMAGE. CHECK STRUT COMPONENT SAFETYING (LOCK WIRE).				
ALL	13. MLG WHEEL FOR CRACKS, DISTORTION, OR CORROSION. HUB FOR GREASE LEAKAGE. WHEEL KEY FOR LOOSENESS. TIRE FOR TREAD DAMAGE OR UNEVEN WEAR. REPACK WHEEL BEARINGS AND CHECK FOR SMOOTH OPERATION.				
2,4	13A. MLG WHEEL KEYS FOR WEAR.				
ALL	14. MLG wheel brake for fluid leakage, cracked housing, or corrosion. Check brake lining for wear. Check hydraulic lines for leakage and connection security.				
2,4	14A. MLG wheel brake key slots for damage or wear.				

PHASE NO. _____	Area Name and No. RIGHT FWD AVIONICS BAY AND MLG - 4		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	15. MLG jack-tow pad and step for corrosion, cracks and mounting security.				
ALL	16. FIRE EXTINGUISHER FOR CHARGE CONDITION AND SEAL. CHECK STOWAGE SECURITY IN DESIGNATED LOCATION.				
ALL	17. Refuel control panel for cracks, corrosion, loose or missing hardware, security of components. Check all markings for readability. Access R160				
ALL	18. **GRAVITY FUEL FILL CAP FOR PROPER CLOSURE FUNCTION, LEAKAGE. CAP PACKING FOR CRACKS, DAMAGE, OR DISTORTION.** Access R170				

PHASE NO. _____	Area Name and No. RIGHT FWD AVIONICS BAY AND MLG - 4	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	19. **PRESSURE REFUEL SPA AND CCR CAPS FOR LEAKAGE AND FULL CLOSURE. CAP SEALS FOR CRACKS, DAMAGE OR DISTORTION.** Access R180				
2,4	20. Searchlight extended, checked for corrosion, loose or missing fasteners, and security. Lens for cracks or evidence of overheating. Wiring for loose connections, chafing, deterioration, and security.				

PHASE NO. _____	PHASED MAINTENANCE CHECKLIST				
Area Name and No.		Aircraft Serial No.		Date	Total Hrs. This Area
LEFT WING AND PYLONS - 5					

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware.				
ALL	2. Access panels, fairings, and wing tip door for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinge and latch for damage, binding, security, and proper operation. Check for worn or deteriorated seals.				
ALL	3. **PYLONS AND RACKS FOR INSTALLED SAFETY PINS AND STREAMERS.**				
ALL	4. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. LEFT WING AND PYLONS - 5	Aircraft Serial No.	Date		
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	5. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware. Access LW7, LW8				
ALL	6. **LOWER WING SURFACES FOR CRACKS, DENTS, DISTORTION, LOOSE OR MISSING FASTENERS. WING MOUNT FITTINGS FOR CRACKS OR DISTORTION. MOUNTING BOLTS FOR SECURITY.** Access LW11				
ALL	7. Pylon mounting surfaces and lower wing skin for evidence of hydraulic fluid or fuel leakage.				
ALL	8. Pylon connector wiring harness for security, chafing, loose connections. Hydraulic and fuel lines for security and leakage.				

PHASE NO. _____	Area Name and No. LEFT WING AND PYLONS - 5	Aircraft Serial No.	Date		
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	9. Hydraulic lines and couplings for leakage and mounting security. Access LW7, LW8, LW9, LW10, LW11				
ALL	10. Wiring harnesses for security and proper connection.				
ALL	11. **NAVIGATION, ANTICOLLLISION AND FORMATION LIGHTS FOR CORROSION, LOOSE OR MISSING FASTENERS, AND SECURITY. LENSES FOR CRACKS, LOOSENESS, OR DISCOLORATION. CHECK CONDITION OF WIRING.**				
ALL	12. **INSTALLED PYLONS AND RACKS FOR CRACKS, DENTS, DISTORTION, LOOSE OR MISSING FASTENERS. PYLON AND RACK MOUNT FITTINGS FOR CRACKS OR DISTORTION. MOUNTING BOLTS FOR SECURITY.**				

PHASE NO. _____	Area Name and No. LEFT WING AND PYLONS - 5	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	13. Pylon aft fairings and rack actuators for evidence of hydraulic fluid leakage.				
2,4	14. 70% spar for cracks, corrosion, loose or working rivets. Hydraulic lines for leakage and clamping security. Wiring harness for chafing and clamping security. Remove wing trailing edge for access.				
2,4	15. **PITOT/STATIC LINES FOR CRACKS, CHAFING, MOUNTING SECURITY.** Remove wing trailing edge for access.				

PHASE NO. _____	Area Name and No. LEFT WING AND PYLONS - 5	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	16. Pylon actuator controller brackets for cracks, corrosion, or warping. Access P3.				
ALL	17. Pylon station director bracket for cracks, corrosion, or warping. Access P1				
ALL	18. Pylon mux unit bracket for cracks, corrosion, or warping. Access P3				
ALL	19. Pylon winch for chafed or failed cable, loose or damaged drum. Access P3				

PHASE NO. _____	Area Name and No. LEFT WING AND PYLONS - 5	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	20. Pylon ejector assembly for corroded piston and cartridge holder.				
ALL	21. **UPPER WING SURFACE FOR CRACKS, DENTS, DISTORTION, LOOSE OR MISSING FASTENERS. WALKWAY COATING FOR PEELING OR DETERIORATION. WING MOUNT FITTINGS FOR CRACKS OR DISTORTION. MOUNTING BOLTS FOR SECURITY.** Access LW10				
ALL	22. **WING TRAILING EDGE FOR CRACKS, DENTS, OR DISTORTION.**				
ALL	23. **STATIC DISCHARGER WICKS FOR 1/2 INCH (MIN) PROTUSTION.**				
ALL	24. **PITOT TUBE AND MOUNT FOR OBSTRUCTIONS, CRACKS, DISTORTION, AND SECURITY. TUBE END FOR EVIDENCE OF EROSION OR OVERHEATING.**				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
RIGHT WING AND PYLONS - 6			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware.				
ALL	2. Access panels, fairings, and wing tip door for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinge and latch for damage, binding, security, latch and proper operation. Check for worn or deteriorated seals.				
ALL	3. **PYLONS AND RACKS FOR INSTALLED SAFETY PINS AND STREAMERS.**				
ALL	4. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. RIGHT WING AND PYLONS - 6		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	5. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware. Access RW7, RW8				
ALL	6. **LOWER WING SURFACE FOR CRACKS, DENTS, DISTORTION, LOOSE OR MISSING FASTENERS. WING MOUNT FITTINGS FOR CRACKS OR DISTORTION. MOUNTING BOLTS FOR SECURITY.** Access RW11				
ALL	7. Pylon mounting surfaces and lower wing skin for evidence of hydraulic fluid or fuel leakage.				
ALL	8. Pylon connector wiring harness for security, chafing, loose connections. Hydraulic and fuel lines for security and leakage.				

PHASE NO. _____	Area Name and No. RIGHT WING AND PYLONS - 6	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	9. Hydraulic lines and couplings for leakage and mounting security. Access RW7, RW8, RW9, RW10, RW11				
ALL	10. Wiring harnesses for security and proper connection.				
ALL	11. **NAVIGATION, ANTICOLLISION, AND FORMATION LIGHTS FOR CORROSION, LOOSE OR MISSING FASTENERS AND SECURITY. LENSES FOR CRACKS, LOOSENESS, OR DISCOLORATION. CHECK CONDITION OF WIRING.**				

PHASE NO. _____	Area Name and No. RIGHT WING AND PYLONS - 6		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	12. INSTALLED PYLONS AND RACKS FOR CRACKS, DENTS, DISTORTION, LOOSE OR MISSING FASTENERS. PYLON MOUNT FITTINGS FOR CRACKS OR DISTORTION. PYLON MOUNTING BOLTS FOR SECURITY.				
ALL	13. Pylon aft fairings and rack actuators for evidence of hydraulic fluid leakage.				
2,4	14. 70% spar for cracks, corrosion, loose or working rivets. Hydraulic lines for leakage and clamping security. Wiring harness for chafing and clamping security. Remove wing trailing edge for access.				

PHASE NO. _____	Area Name and No. RIGHT WING AND PYLONS - 6	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	15. **PITOT/STATIC LINES FOR CRACKS, CHAFING, MOUNTING SECURITY.** Remove wing trailing edge for access.				
ALL	16. Pylon actuator controller bracket for cracks, corrosion, or warping. Access P3				
ALL	17. Pylon station director bracket for cracks, corrosion, or warping. Access P1				
ALL	18. Pylon mux unit bracket for cracks, corrosion, or warping. Access P3				

PHASE NO. _____	Area Name and No. RIGHT WING AND PYLONS - 6	Aircraft Serial No.	Date		
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	19. Pylon winch for chafed or failed cable, loose or damaged drum. Access P3				
ALL	20. Pylon ejector assembly for corroded piston, and cartridge holder.				
ALL	21. **UPPER WING SURFACE FOR CRACKS, DENTS, DISTORTION, LOOSE OR MISSING FASTENERS. WALKWAY COATING FOR PEELING OR DETERIORATION. WING MOUNT FITTINGS FOR CRACKS OR DISTORTION. MOUNTING BOLTS FOR SECURITY.** Access RW10 for wing mount.				

PHASE NO. _____	Area Name and No. RIGHT WING AND PYLONS - 6		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	22. WING TRAILING EDGE FOR CRACKS, DENTS, OR DISTORTION.				
ALL	23. STATIC DISCHARGER WICKS FOR 1/2 INCH (MIN) PROTRUSION.				
ALL	24. PITOT TUBE AND MOUNT FOR OBSTRUCTIONS, CRACKS, DISTORTION, AND SECURITY. TUBE END FOR EVIDENCE OF EROSION OR OVERHEATING.				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
LEFT ENGINE AND NOSE GEARBOX - 7			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware.				
ALL	2. Access panels, fairings, and doors for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinges, struts, and supports for damage, binding and security. Latches for security and proper operation. Check for worn or deteriorated seals.				
ALL	3. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. LEFT ENGINE AND NOSE GEARBOX - 7	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware.				
ALL	5. **ENGINE AIR INLET FAIRING FOR CRACKS, DISTORTION, AND SECURITY. CHECK INTERIOR FOR CLEANLINESS.**				
2,4	6. Particle separator impeller for cracks, nicks, scratches, erosion or dents. IPS blower removed for access.				
2,4	7. Particle separator duct for cracks, dents, and deformation. Check clamps, mounting pins, clips, and hardware for security. Access LN1				

PHASE NO. _____	Area Name and No. LEFT ENGINE AND NOSE GEARBOX - 7	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	8. IR suppressor nozzles and radiation shields for cracks, dents, deformation, and security. Supports for deformation or looseness. Check fins for looseness.				
2,4	9. Heat exchanger louvers for cracks, deformation, and security. Check louver plates for looseness or lost motion. Access L230				
2,4	10. Fuel valves for leakage, cracks, loose connections, and security. Access LN1				
2,4	11. Fuel and oil lines for leakage, chafing, and security. Access LN1				

PHASE NO. _____	Area Name and No. LEFT ENGINE AND NOSE GEARBOX - 7	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	12. Fuel and oil pressure switches for damaged insulation, loose connections, and security. Access LN1				
ALL	13. **PRESSURIZED AIR ANTI-ICE AND BLEED AIR LINES FOR EVIDENCE OF LEAKAGE. CHECK FOR CRACKED, BROKEN OR LOOSE COMPONENTS, CRACKED, LOOSE OR LEAKING CONNECTORS. ANTI-ICE TEMPERATURE SWITCH FOR SECURITY.** Access LN1				
ALL	14. **ENGINE AIR INLET FOR CRACKS, CORROSION, DETERIORATED, TORN, OR SPLIT SEALS, LOOSE OR WORKING RIVETS OR SCREWS, BROKEN OR MISSING GROMMET ON ICE DETECTOR SUPPORT.** Access LN1				

PHASE NO. _____	Area Name and No. LEFT ENGINE AND NOSE GEARBOX - 7	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	15. **ENGINE STARTER FOR CRACKED, WORN OR LOOSE CLAMPS; LOOSE OR MISSING ATTACH HARDWARE.** Access LN1.				
2,4	16. Engine wiring harness for loose connections, chafing, or deterioration. Access LN1.				
2,4	17. **ENGINE POWER CONTROL CABLES AND BRACKETS FOR CRACKS, CORROSION, MOUNTING SECURITY, LOOSE OR MISSING HARDWARE.** Access LN1				
ALL	17A. CHECK PRIMARY EXHAUST NOZZLE AT SPOTWELDED LEADING EDGES OF INSULATED BLANKETS. CHECK FOR SPOTWELD FAILURES WHICH ALLOW ANY AFT ROLLBACK OF BLANKET LEADING EDGE.				
	17B. CHECK ENGINE CASE FOR CRACKS. Access LN1				

PHASE NO. _____	Area Name and No. LEFT ENGINE AND NOSE GEARBOX - 7	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	18. **ENGINE MOUNTS FOR CRACKS, DEFORMATION, OR LOOSE BUSHINGS. CHECK FOR CORROSION AND SECURITY, LOOSE OR MISSING HARDWARE. PINS AND EXPANDING BOLTS FOR FRACTURES, WEAR OR LOOSENESS.** Access LN1, LN2, LN3, LN4, LN5				
ALL	19. V-band clamps for security. Access LN1				
2,4	20. Engine drain lines for leakage, tube or hose failure, loose or missing clamps or hardware. Access LN1, LN2				
2,4	21. Engine chip collector removed and cleaned. Check operation. Access LN2				

PHASE NO. _____	Area Name and No. LEFT ENGINE AND NOSE GEARBOX - 7	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	22. Nose gearbox chip detector removed and cleaned. Check for insulation damage. Check chip detector operation. Access LN6				
2,4	23. Nose gearbox wiring harness for loose connections, chafing, or deterioration. Access LN6				
2,4	24. Nose gearbox breather cleaned. Access LN6				
2,4	25. Nose gearbox lube oil and filter changed. Access LN6				
2,4	25A. Nose gearbox oil pressure switch, pressure transducer, and temperature probe for insulation damage, oil leakage, and security. Check for secure harness splices. Access LN6				

PHASE NO. _____	Area Name and No. LEFT ENGINE AND NOSE GEARBOX - 7	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	26. Nose gearbox lube oil level sight gage for cleanliness, leakage, and security. Clean lens.				
ALL	26A. **NOSE GEARBOX AND LUBE OIL PUMP HOUSINGS FOR CRACKS, DISTORTION, AND SECURITY. CHECK FOR OIL LEAKAGE.** Access LN6				
2,4	27. **NOSE GEARBOX MOUNTING BOLTS FOR PROPER TORQUE.** Access LN6				
2,4	28. Nose gearbox cooling fan and shroud for cracks, deformation, corrosion, and security. Fan impeller for erosion or damage. Access LN6				
2,4	29. **ENGINE PERIODIC INSPECTION PERFORMED PER TM 55-2840-248-23.**				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
RIGHT ENGINE AND NOSE GEARBOX - 8			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware.				
ALL	2. Access panels, fairings, and doors for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinges, struts, and supports for damage, binding and security. Latches for security and proper operation. Check for worn or deteriorated seals.				
ALL	3. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. RIGHT ENGINE AND NOSE GEARBOX - 8	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware.				
ALL	5. **ENGINE AIR INLET FAIRING FOR CRACKS, DISTORTION, AND SECURITY. CHECK INTERIOR FOR CLEANLINESS.**				
2,4	6. Particle separator impeller for cracks, nicks, scratches, erosion, or dents. IPS blower removed for access.				
2,4	7. Particle separator duct for cracks, dents, and deformation. Check clamps, mounting pins, clips, and hardware for security. Access RN1				

PHASE NO. _____	Area Name and No. RIGHT ENGINE AND NOSE GEARBOX - 8		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	8. IR suppresor nozzles and radiation shields for cracks, dents, deformation, and security. Supports for deformation or looseness. Check fins for looseness.				
2,4	9. Heat exchanger louvers for cracks, deformation, and security. Check louver plates for looseness or lost motion. Access R230				
2,4	10. Fuel valves for leakage, cracks, loose connections, and security. Access RN1				
2,4	11. Fuel and oil lines for leakage, chafing, and security. Access RN1				

PHASE NO. _____	Area Name and No. RIGHT ENGINE AND NOSE GEARBOX - 8	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	12. Fuel and oil pressure switches for damaged insulation, loose connections, and security. Access RN1				
ALL	13. **PRESSURIZED AIR ANTI-ICE AND BLEED AIR LINES FOR EVIDENCE OF LEAKAGE. CHECK FOR CRACKED, BROKEN OR LOOSE COMPONENTS, CRACKED, LOOSE OR LEAKING CONNECTORS. ANTI-ICE TEMPERATURE SWITCH FOR SECURITY.** Access RN1				
2,4	14. **ENGINE AIR INLET FOR CRACKS, CORROSION, DETERIORATED, TORN, OR SPLIT SEALS, LOOSE OR WORKING RIVETS OR SCREWS, BROKEN OR MISSING GROMMET ON ICE DETECTOR SUPPORT.** Access RN1				

PHASE NO. _____	Area Name and No. RIGHT ENGINE AND NOSE GEARBOX - 8	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Insp'd
ALL	15. **ENGINE STARTER FOR CRACKED, WORN, OR LOOSE CLAMPS; LOOSE OR MISSING ATTACH HARDWARE.** Access RN1				
2,4	16. Engine wiring harness for loose connections, chafing, or deterioration. Access RN1.				
2,4	17. **ENGINE POWER CONTROL CABLES AND BRACKETS FOR CRACKS, CORROSION, MOUNTING SECURITY, LOOSE OR MISSING HARDWARE.** Access RN1				
ALL	17A. CHECK PRIMARY EXHAUST NOZZLE AT SPOTWELDED LEADING EDGES OF INSULATED BLANKETS. CHECK FOR SPOTWELD FAILURES WHICH ALLOW ANY AFT ROLLBACK OF BLANKET LEADING EDGE. 17B. CHECK ENGINE CASE FOR CRACKS. Access LN1				

PHASE NO. _____	Area Name and No. RIGHT ENGINE AND NOSE GEARBOX - 8	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	18. ENGINE MOUNTS FOR CRACKS, DEFORMATION, OR LOOSE BUSHINGS. CHECK FOR CORROSION AND SECURITY, LOOSE OR MISSING HARDWARE. PINS AND EXPANDING BOLTS FOR FRACTURES, WEAR, OR LOOSENESS. Access RN1, RN2, RN3, RN4, RN5				
ALL	19. V-band clamps for security. Access RN1				
2,4	20. Engine drain lines for leakage, tube or hose failure, loose or missing clamps or hardware. Access RN1, RN2				
2,4	21. Engine chip collector removed and cleaned. Check operation. Access RN2				

PHASE NO. _____	Area Name and No. RIGHT ENGINE AND NOSE GEARBOX - 8		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	22. Nose gearbox chip detector removed and cleaned. Check for insulation damage. Check chip detector operation. Access RN6				
2,4	23. Nose gearbox wiring harness for loose connections, chafing, or deterioration. Access RN6				
2,4	24. Nose gearbox breather cleaned. Access RN6				
2,4	25. Nose gearbox lube oil and filter changed. Access RN6				
2,4	25A. Nose gearbox oil pressure switch, pressure transducer, and temperature probe for insulation damage, oil leakage, and security. Check for secure harness splices. Access RN6				

PHASE NO. _____	Area Name and No. RIGHT ENGINE AND NOSE GEARBOX - 8	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	26. Nose gearbox lube oil level sight gage for cleanliness, leakage, and security. Clean lens.				
	26A. **NOSE GEARBOX AND LUBE OIL PUMP HOUSINGS FOR CRACKS, DISTORTION, AND SECURITY. CHECK FOR OIL LEAKAGE.** Access RN6				
2,4	27. **NOSE GEARBOX MOUNTING BOLTS FOR PROPER INSTALLATION.** Access RN6				
2,4	28. Nose gearbox cooling fan and shroud for cracks, deformation, corrosion, and security. Fan impeller for erosion or damage. Access RN6				
2,4	29. **ENGINE PERIODIC INSPECTION PERFORMED PER TM 55-2840-248-23.**				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
MAIN TRANSMISSION - 9			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware.				
ALL	2. Access panels, fairings, and doors for deformation cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinges, struts, and supports for damage, binding and security. Latches for security and proper operation. Check for worn or deteriorated seals.				
ALL	3. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. MAIN TRANSMISSION - 9	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware.				
ALL	5. Transmission housing and cover for cracks, lube oil leakage, and evidence of overheating (discoloration). Access L200, R200				
ALL	6. Chip detectors removed and cleaned. Check for insulation damage. Check chip detector operation. Access L200, R200				
2,4	7. Wiring harnesses for loose connections, chafing, or deterioration. Access L200, R200				

PHASE NO. _____	Area Name and No. MAIN TRANSMISSION - 9		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	8. Hydraulic and lube oil lines for cracks, leakage, chafing, and security. Access L200, R200				
2,4	9. Breathers cleaned. Access L200, R200				
ALL	10. Lube oil and filters changed. Access L200, R200				
2,4	10A. Oil pressure switches, pressure transducers, temperature probes, and magnetic pickup for insulation damage, leakage, and security. Check for secure harness splices. Access L200, R200				
ALL	11. Lube oil level sight gages for cleanliness, leakage, and security. Clean lenses. Access L200, R200				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
MAIN TRANSMISSION - 9			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	12. **INPUT SHAFTS, COUPLINGS, AND DRIVE FLANGES FOR CRACKS, DENTS, DISTORTION, AND CORROSION.** Access L200, R200, LN6, RN6				
2,4	13. **INPUT SHAFT AND COUPLING BOLTS FOR PROPER INSTALLATION.** Access L200, R200, LN6, RN6				
ALL	14. **PRIMARY HYDRAULIC MANIFOLD FOR LEAKAGE, CORROSION, LOOSE CONNECTIONS, AND SECURITY. CHECK SIGHT GAGE FOR PROPER FLUID LEVEL. CHECK MANIFOLD AIR INLET CHECK VALVE FILTER.** Access L200				
ALL	15. **GENERATORS FOR CLEANLINESS AND FOD.** Access L200, R200				
2,4	15A. **GENERATORS FOR DAMAGED INSULATION AND SECURITY, CRACKED OR BROKEN HOUSINGS.** Access L200, R200				

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PHASE NO. _____	Area Name and No. MAIN TRANSMISSION - 9	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	16. Hydraulic pumps for leakage, loose connections, and security. Access L200, R200				
2,4	17. Transformer/rectifiers for evidence of overheating (discoloration), and security. Access L200				
ALL	18. **ANTICOLLISION LIGHT POWER SUPPLY FOR LOOSE OR MISSING HARDWARE OR CORROSION.** Access L200				
ALL	19. **FLIGHT CONTROL SERVOACTUATORS FOR LEAKAGE, CRACKS, OR CORROSION. UPPER AND LOWER ROD ENDS FOR BEARINGS DAMAGE AND ATTACHMENT SECURITY.** Access L200, R200				

PHASE NO. _____	Area Name and No. MAIN TRANSMISSION - 9	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	20. **MAIN ROTOR MAST SUPPORT STRUTS FOR CRACKS, BENDING, DISTORTION, AND SECURITY. TRANSMISSION DECK FOR DISTORTION OR LOOSENESS AT LOWER ENDS OF STRUTS.** Access L200, R200				
2,4	21. **MAST BASE FOR CRACKS, DISTORTION, AND SECURITY. CHECK FOR LOOSENESS AT MAST SUPPORT MOUNT AND UPPER ENDS OF SUPPORT STRUTS.** Access L200, R200				
ALL	22. **FLIGHT CONTROL RODS FOR DENTS, CRACKS, CORROSION, AND SECURITY, WORN OR SEIZED BEARINGS OR BUSHINGS. CHECK ROD ENDS FOR LOOSENESS.** Access L200, R200				

PHASE NO. _____	Area Name and No. MAIN TRANSMISSION - 9	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	23. FLIGHT CONTROL BELLCRANKS FOR CRACKS, CORROSION, AND SECURITY. BRACKETS FOR MOUNTING SECURITY. CHECK PIVOT BEARINGS FOR LOOSENESS. Access L200, R200				
2,4	24. ENGINE CONTROLS FOR DAMAGED OR DEFORMED CABLES, CRACKED, BENT OR BROKEN SUPPORTS, CLAMPS OR BRACKETS. RODS AND ROD ENDS FOR LOOSE WORN BEARINGS. BELLCRANKS FOR CRACKS, DEFORMATION OR WORN BUSHINGS, LOOSE OR MISSING HARDWARE, AND EVIDENCE OF INTERFERENCE. Access L200, R200				
2,4	25. IR jammer for mounting security. Cracked, broken or delaminated cover, loose or missing hardware.				

PHASE NO. _____ PHASED MAINTENANCE CHECKLIST

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
MAIN ROTOR - 10			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	1. BLADE SPARS AND ROOT FINGER DOUBLERS FOR DELAMINATION.				
2,4	2. BLADE LEADING EDGES FOR CRACKS, DENTS, DISTORTION, OR EROSION. CHECK LEADING EDGE TIPS FOR LOOSE OR MISSING HARDWARE. CHECK TRAILING EDGE FOR CRACKS AND VOIDS.				
ALL	2A. PERFORM COIN TAP TEST.				
2,4	3. BLADE ROOT BUSHINGS FOR CRACKS, DISTORTION, AND SECURITY.				
2,4	4. ROTOR DRIVE PLATE FOR CRACKS, DISTORTION, OR CORROSION. MOUNTING BOLTS FOR SECURITY.				
2,4	5. ROTOR HUB FOR CRACKS, DISTORTION, CORROSION, AND SECURITY. HUB LOWER GREASE SEAL FOR LEAKAGE.				
2,4	6. FEATHERING BEARING HOUSINGS AND RETAINING NUTS FOR CRACKS, CORROSION, AND SECURITY. CHECK FEATHERING BEARINGS FOR RADIAL LOOSENESS.				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
MAIN ROTOR - 10			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	7. BLADE DROOP STOP PLATES FOR DISTORTION. DROOP STOP PLUNGERS, RETURN SPRINGS AND STOP RING FOR CRACKS OR DEFORMATION. CHECK PLUNGERS, ROLLERS, AND STOP RING FOR WEAR OR PLAY.				
2,4	8. PITCH HOUSINGS FOR CRACKS, SCRATCHES, CORROSION, AND SECURITY. HOUSING EARS FOR PITCH LINK ROD END GOUGING.				
2,4	8A INSPECT ROTOR HUB BEARING FOR CRACKS ON THE INSIDE DIAMETER USING A 5X MAGNIFYING GLASS. MAIN ROTOR BLADES REMOVED.				
2,4	9. LEAD-LAG LINKS FOR CRACKS, DISTORTION, AND CORROSION. LINK-TO-DAMPER ROD ENDS FOR BEARING DAMAGE. CHECK ROD ENDS AND BEARINGS FOR LOOSENESS.				
2,4	10. LEAD-LAG DAMPERS FOR LOOSE, DEBONDED OR DETERIORATED ELASTIC MATERIAL. CHECK DAMPER MOUNTING SECURITY.				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
MAIN ROTOR - 10			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	11. BLADE STRAP PACKS FOR CRACKED, BUCKLED, BROKEN OR HORIZONTAL DISPLACEMENT (CHECK BOTH ENDS OF EACH STRAP PACK).				

PHASE NO. _____	Area Name and No. MAIN ROTOR - 10	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	12. STATIC DISCHARGE BRUSHES FOR FRAYING OR DISTORTION, CRACKED OR BROKEN HOLDERS OR SPRINGS. CHECK BRUSH FOR EVEN CONTACT WITH MAST.				
ALL	13. PITCH LINKS FOR CRACKS, DISTORTION, AND CORROSION. ROD ENDS FOR BEARING DAMAGE OR LOOSENESS. CHECK LOWER ROD END CLAMP-UP TO FLOATING BUSHINGS.				
ALL	14. SWASHPLATE UNIBALL FOR CRACKS, GROOVING, FLAKED OR WORN-THROUGH PLATING. BEARING FOR GREASE LEAKAGE.				
ALL	15 ROTATING SWASHPLATE FOR CRACKS, CORROSION, GREASE LEAKAGE, AND SECURITY OF LOWER SEAL. PITCH LINK CONNECTION BOSSES FOR BENDING OR MISALINEMENT. CHECK FOR WORN OR LOOSE BUSHINGS.				

PHASE NO. _____	Area Name and No. MAIN ROTOR - 10	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	16. STATIONARY SWASHPLATE FOR CRACKS AND CORROSION. LATERAL AND TORQUE LINK CONNECTION BOSSES FOR BENDING OR MISALINEMENT. CHECK FOR WORN OR LOOSE BUSHINGS. Access T205L, T205R, T225				
ALL	17. ROTATING SCISSORS FOR CRACKS, CORROSION, AND SECURITY. CHECK PIVOT BEARINGS FOR WEAR.				
ALL	18. LONGITUDINAL, LATERAL, AND TORQUE LINKS FOR CRACKS, DENTS, SCRATCHES, AND CORROSION. ATTACHMENT BOLTS FOR SECURITY. CHECK BEARINGS FOR LOOSENESS. Access T205L, T205R, T225				

PHASE NO. _____	Area Name and No. MAIN ROTOR - 10	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	19. LONGITUDINAL, LATERAL, AND COLLECTIVE BELLCRANKS FOR CRACKS, DISTORTION, AND CORROSION. CHECK FLOATING BUSHING CLAMP-UP TO ROD ENDS. Access T205L, T205R, T225				
2,4	20. MIXER SUPPORTS FOR CRACKS, DISTORTION, AND CORROSION. MIXER ATTACHMENT BOLTS FOR CRACKS, CORROSION, AND SECURITY. BEARINGS FOR EXCESSIVE PLAY.				
ALL	21. LOWER SHOE FOR WORN SCISSORS BEARING OR WORN PLUNGER BEARING.				
2,4	22. MAIN ROTOR HUB NUT FOR STRIPPED THREADS, CRACKS, OR FAILURE. CHECK FOR PROPER TORQUE.				

PHASE NO. _____	Area Name and No. MAIN ROTOR - 10	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	23. ROTOR HUB STATIC DROOP ANGLE CHECKED.				
2,4	24. MAST TUBE FOR CRACKS, DENTS, DISTORTION, OR CORROSION. SWASHPLATE SLIDING SURFACE FOR GROOVING, FLAKED OR WORN-THROUGH PLATING.				
ALL	25. AIR DATA SENSOR FOR DAMAGE, OR MISALINEMENT ON DEICING HOUSING. CHECK FOR SENSOR MAST LOOSENESS OR DEFORMATION.				
2,4	26. BLADE DEICING HOUSING FOR DAMAGE OR DRIVE PLATE MISALINEMENT. CHECK DEICE CABLES FOR SECURE CLAMPING, ROUTING UNDER GUIDES, AND PROPER CONNECTION TO BLADE RECEPTACLES.				

PHASE NO. _____	Area Name and No. MAIN ROTOR - 10		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	27. MAST BASE FLANGE FOR CRACKS, CORROSION, AND SECURITY.				
2-4	28. INSPECT MAIN ROTOR UPPER BEARING FOR SPALLING, USING 12X MAGNIFYING GLASS. CHECK BEARING CAGE FOR CRACKS. EXAMINE BEARING GREASE FOR CONTAMINATION AND BURNING. REPACK BEARING. Remove main rotor head for access.				
ALL	29. MAIN ROTOR DRIVE SHAFT FOR CRACKS, DISTORTION, OR CORROSION. CHECK FOR CHIPPED, BROKEN, SCORED OR WORN SPLINE TEETH. Remove main rotor head for access.				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
AFT EQUIPMENT BAY - 11			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware Handholds for damage, structural integrity, and mounting security.				
ALL	2. Access doors for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinges, struts, and supports for damage, binding and security. Latches and lanyards for security and proper operation. Check for worn or deteriorated seals.				
ALL	3. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. AFT EQUIPMENT BAY - 11	Aircraft Serial No.	Date	
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware.				
2,4	5. Transmission accessory gearcase for lube oil leakage and component security. Access L325, T250L, T290L, T250R, T290R				
ALL	6. Shaft driven compressor for cracks, oil leakage, and security. Access L325, T250L, T290L, T250R, T290R				
ALL	7. Shaft driven compressor surge and throttle valves for mounting security. Access L325, T250L, T290L, T250R, T290R				

PHASE NO. _____	Area Name and No. AFT EQUIPMENT BAY - 11	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	8. Shaft driven compressor inlet and outlet hoses for cracks, evidence of air leakage, and security. Access L325, T250L, T290L, T250R, T290R				
2,4	9. Shaft driven compressor lube oil filter changed. Access L325, T250L, T290L, T250R, T290R				
2,4	10. Rotor brake actuator for fluid leakage. Check brake lining and disk for wear, grooving, or cracks. Pressure switch for fluid leakage. Check hydraulic line for leakage and connection security. Access L325, T250L, T290L, T250R, T290R				
ALL	11. Air particle separator for cracks, dents, and security. Access L325, T250L, T290L, T250R, T290R				

PHASE NO. _____	Area Name and No. AFT EQUIPMENT BAY - 11	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	12. Wiring harnesses for loose connections, chafing, or deterioration. Access L325, T250L, T290L, T250R, T290R				
2,4	13. **FIRE EXTINGUISHER CONTAINERS FOR DENTS AND MOUNTING SECURITY. CARTRIDGES, FITTINGS, AND VALVES FOR CRACKS, DISTORTION, AND SECURITY. CHECK CONTAINER CHARGE PRESSURE.** Access L325, T250R, T290L, T250R, T290R				
2,4	14. **FIRE EXTINGUISHER OUTLET TUBING AND FITTINGS FOR CRACKS, DENTS, DISTORTION, AND SECURITY.** Access L325. T250L, T290L, T250R, T290R				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
AFT EQUIPMENT BAY - 11			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	15. **TAIL ROTOR DRIVE SHAFTS AND COUPLINGS FOR CRACKS, DENTS, DISTORTION, OR CORROSION. BALANCING TAPES FOR SECURITY.** Access L325, T250L, T290L, T250R, T290R - forward catwalk removed for access				
2,4	16. **TAIL ROTOR DRIVE SHAFT AND COUPLING BOLTS FOR PROPER INSTALLATION.** Access L325, T250L, T290L, T250R, T290R				
2,4	17. **TAIL ROTOR DRIVE SHAFT FORWARD HANGER FOR CRACKS, CORROSION, AND MOUNTING SECURITY. CHECK FOR RADIAL LOOSENESS AND SMOOTH OPERATION. CHECK DRIVE SHAFT FORWARD HANGAR BEARING SUPPORT FOR TORQUE OF ATTACHING BOLTS.** Access L325, T250L, T290L, T250R, T290R				

PHASE NO. _____	Area Name and No. AFT EQUIPMENT BAY - 11	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	18. **DRIVE SHAFT DAMPER FOR CRACKS.** Access L325, T250L, T290L, T250R, T290R				
2,4	19. **DRIVE SHAFT ANTI-FLAIL UNIT FOR CRACKS, DISTORTION, AND MOUNTING SECURITY.** Access L325, T250L, T290L, T250R, T290R				
2,4	20. **HYDRAULIC HEAT EXCHANGERS AND COOLING LOUVERS FOR CRACKS, DELAMINATION, LOOSE OR WORKING RIVETS, DISTORTED OR BROKEN LOUVERS. CHECK HYDRAULIC AND LUBE OIL LINES FOR LEAKAGE AND CONNECTION SECURITY.** Access L230, R230, L325, T250L, T290L, T250R, T290R				

PHASE NO. _____	Area Name and No. AFT EQUIPMENT BAY - 11	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	21. APU enclosure covers and panels for cracks, delamination, seal damage, loose or missing fasteners, and security. Access L325, T250L, T290L, T250R, T290R				
ALL	22. APU drive shaft and couplings for cracks, dents, distortion, and corrosion, and evidence of interference. Access L325, T250L, T290L, T250R, T290R				
ALL	23. APU drive shaft coupling bolts for proper torque. Access L325, T250L, T290L, T250R, T290R				

PHASE NO. _____	Area Name and No. AFT EQUIPMENT BAY - 11	Aircraft Serial No.	Date	
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	24. APU mounts for cracks, dents, distortion, and corrosion. Access L325, T250L, T290L, T250R, T290R				
2,4	25. APU for cracks in compressor inlet shroud, turbine plenum, or gearbox housing. Access L325, T250L, T290L, T250R, T290R				
ALL	26. APU starter for cracks, leakage, and security. Access L325, T250L, T290L, T250R, T290R				
2,4	27. APU combustor for cracks or burned-through areas. Access L325, T250L, T290L, T250R, T290R				

PHASE NO. _____	Area Name and No. AFT EQUIPMENT BAY - 11	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	28. APU exhaust system for cracks, loose or missing hardware. Access L325, T250L, T290L, T250R, T290R				
2,4	29. APU exhaust fairing for cracks, corrosion, loose or missing hardware. Insulated exhaust duct for distortion, cracks, or oxidation. Access L325, T250L, T250R, T290L, T290R				
2,4	30. APU power takeoff clutch for oil leakage. Check clutch for wear. Access L325, T250L, T290L, T250R, R290R				
2,4	31. APU lube oil and filter changed. Access L325, T250L, T290L, T250R, T290R				

PHASE NO. _____	Area Name and No. AFT EQUIPMENT BAY - 11	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	32. ENCU for security, loose or missing hardware. Wiring for loose connections, chafing, or deterioration. Access L325, T250L, T290L, T250R, T290R.				
2,4	33. **ENCU DUCTING FOR CRACKS, CHAFED, LOOSE OR TORN INSULATION, STRIPPED OR MISSING NUT PLATES.** Access L325, T250L, T290L, T250R, T290R				
2,4	34. **ENCU EXHAUST FAIRING FOR CRACKS, CORROSION, LOOSE OR WORKING RIVETS.** Access L325, T250L, T290L, T250R, T290R				

PHASE NO. _____	Area Name and No. AFT EQUIPMENT BAY - 11	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	35. FLIGHT CONTROL LINKAGE FOR BENT, CRACKED, OR CORRODED PUSH-PULL RODS. WORN OR SEIZED ROD END BEARINGS, CRACKED OR BROKEN BRACKETS. BELLCRANKS FOR CRACKS, CORROSION, WORN OR SEIZED BEARINGS AND EVIDENCE OF INTERFERENCE. Access L325, T250L, T290L, T250R, T290R				
2,4	36. LEFT AND RIGHT ENGINE INBOARD SUPPORTS FOR CRACKS, DISTORTION, CORROSION, LOOSE OR MISSING FASTENERS, AND MOUNTING SECURITY. Access L325, T250L, T290L, T250R, T290R				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
AFT EQUIPMENT BAY - 11			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	37. **CATWALK AND SUPPORTING STRUCTURE FOR CRACKS, DEBONDING, DISTORTION, LOOSE OR MISSING FASTENERS, AND SECURITY. WALKWAY COATING FOR PEELING OR DETERIORATION.** Access L325, T250L, T290L, T250R, T290R				
2,4	38. **UTILITY ACCUMULATOR TUBING FOR LEAKAGE AND SECURITY.** Access L325, T250L, T290L, T250R, T290R				
ALL	39. **UTILITY HYDRAULIC MANIFOLD FOR LEAKAGE, CORROSION, LOOSE CONNECTIONS, AND SECURITY. CHECK SIGHT GAGE FOR PROPER FLUID LEVEL. CHECK MANIFOLD AIR INLET CHECK VALVE FILTER.** Access R325				

PHASE NO. _____	Area Name and No. AFT EQUIPMENT BAY - 11	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	40. Hydraulic filter bypass indicators for popped buttons. Access R325				
ALL	41. PRIMARY and UTILITY hydraulic ground service panels for security. Panel quick-disconnect couplings for fluid leakage. Access R325				
ALL	42. Primary and utility hydraulic systems bled (actuate flight controls to bleed pressure). Access R325				
ALL	43. **UTILITY ACCUMULATOR AIR PRESSURE VERIFIED.** Access R325				

PHASED MAINTENANCE CHECKLIST

PHASE NO. _____

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
MID AND LOWER FUSELAGE - 12			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware. Handholds and steps for damage structural integrity, and mounting security.				
ALL	2. Access panels, fairings, and doors for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Door hinges, struts, and supports for damage, binding and security. Latches for security and proper operation. Check for worn or deteriorated seals.				
ALL	3. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. MID AND LOWER FUSELAGE - 12	Aircraft Serial No.	Date	
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware.				
2,4	5. Area weapon, turret fairing, and turret removed. Area weapon returned to AVIM for inspection/check. Access B90, B120				
ALL	6. Area weapon turret for evidence of hydraulic fluid leakage. Turret hoses and lines for leakage, corrosion, and security. Wiring harness for loose connections, chafing or deterioration. Access B90, B120				

PHASE NO. _____	Area Name and No. MID AND LOWER FUSELAGE - 12	Aircraft Serial No.	Date	
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	7. Fuselage turret cavity for cracks, distortion, corrosion, stringer bending or misalinement. Ammo chutes for cracks, dents, or distortion. Check ammo chutes for wear. Gun area bulkheads for web cracks. Access B75R, B90, B120				
ALL	8. **FLIGHT CONTROL RODS FOR DENTS, CRACKS, CORROSION, SECURITY, AND EVIDENCE OF INTERFERENCE. CHECK ROD ENDS FOR LOOSENESS.** Access B80L, B80R, B75R, B85L, B85R				
ALL	9. **FLIGHT CONTROL BELLCRANKS FOR CRACKS, CORROSION, AND SECURITY. BRACKETS FOR MOUNTING SECURITY, AND EVIDENCE OF INTERFERENCE. CHECK FLOATING BUSHING CLAMP-UP, AND PIVOT BEARINGS FOR LOOSENESS.** Access B75R, B85L, B85R				

PHASE NO. _____	Area Name and No. MID AND LOWER FUSELAGE - 12	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	10. **PILOT DECOUPLER (SPAD) UNITS FOR CRACKS, CORROSION, AND SECURITY, AND EVIDENCE OF INTERFERENCE. CHECK FOR LOOSENESS OR LOST MOTION.** Access B75R				
2,4	11. **PILOT DECOUPLER SHEAR PINS CHECKED FOR DAMAGE OR PARTIAL SHEARING.** Access B75R				
2,4	12. **LVDT's FOR CRACKS, CORROSION, AND MOUNTING SECURITY. WIRING HARNESS FOR LOOSE CONNECTIONS, CHAFING, OR DETERIORATION.** Access B80L, B80R, B75R, B85L, B85R				
2,4	13. Ammo bay interior bulkheads for cracks, distortion, or corrosion. Stringers for bending or misalinement. Access B200 - ammo magazine removed for access				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
MID AND LOWER FUSELAGE - 12			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	14. **AMMO BAY INTERIOR WING SUPPORT STRUCTURE FOR CRACKS, CORROSION, LOOSE OR MISSING FASTENERS, AND SECURITY.** Access B200 - ammo magazine removed for access				
ALL	15. **AMMO BAY INTERIOR FUEL CELL STRESSED PANELS FOR CRACKS, DELAMINATION, DISTORTION, LOOSE OR MISSING FASTENERS. FUEL VENT TUBE FOR CHAFFING.** Access B200 - ammo magazine removed for access				
2,4	16. **AMMO BAY INTERIOR MAST STRUT SUPPORT STRUCTURE (TRANSMISSION DECK BOTTOM CORNERS) FOR CRACKS, DISTORTION, OR LOOSENESS.** Access B200 - ammo magazine removed for access				

PHASE NO. _____	Area Name and No. MID AND LOWER FUSELAGE - 12		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	17. **AMMO BAY INTERIOR FLIGHT CONTROL SERVOACTUATOR SUPPORT STRUCTURE (TRANSMISSION DECK BOTTOM FORWARD) FOR CRACKS, DISTORTION, OR LOOSENESS.** Access B200 - ammo magazine removed for access				
2,4	18. Ammo bay interior fuel pumps and valves, pressure switches, manifold, couplings, connectors and fittings for leakage, cracks, loose connections, and security. Access B200 - ammo magazine removed for access				
2,4	19. Ammo bay interior fuel lines, hoses, vent and drain tubes for leakage, chafing, corrosion, and security. Access B200 - ammo magazine removed for access				

PHASE NO. _____	Area Name and No. MID AND LOWER FUSELAGE - 12		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	20. Ammo bay interior wiring harness for loose connections, chafing, or deterioration. Access B200 - ammo magazine removed for access.				
ALL	21. Ammo bay interior hydraulic lines for leakage, corrosion mounting security, and chafing. Access B200 - ammo magazine removed for access.				
2,4	22. Ammo magazine support struts for corrosion, bent tube, cracked or broken clevis, loose or missing rivets. Access B200 - ammo magazine removed for access.				

PHASE NO. _____	Area Name and No. MID AND LOWER FUSELAGE - 12	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	23. **NITROGEN INERT COMPONENTS FOR MOUNTING SECURITY, LOOSE OR MISSING HARDWARE, FAILURE OF TUBES OR HOSES, DISTORTED OR FRACTURED BREAKAWAY VALVES.** Access B200 - ammo magazine removed for access.				
ALL	24. Ammo bay door B200 for cracks, distortion, corrosion, and security. Door hinges for cracks or looseness. Latches for looseness and alinement.				
2,4	25. **MLG CROSS TUBE FOR NICKS, SCRATCHES, FRACTURES, OR CORROSION.** B105, area weapon and turret removed for interior access.				

PHASE NO. _____	Area Name and No. MID AND LOWER FUSELAGE - 12	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	26. Aft avionics equipment for proper stowage, external damage, or loose connectors. Wiring harness for chafing or deterioration. Access L295, R295				
ALL	27. Battery deep-cycled. Access R295				
ALL	28. Aft stowage and avionics compartments for cleanliness. cracks, distortion, corrosion, loose or missing rivets or fasteners. Seals for deterioration, proper fit, and evidence of leakage. Access L295, R295				
2,4	29. Fuselage stowage compartments for cracks, distortion, corrosion, loose or missing rivets or fasteners. Access L330, R330				

PHASE NO. _____	Area Name and No. MID AND LOWER FUSELAGE - 12		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	30. Doppler radar altimeter and ADF loop antennas for cracks, delamination or other damage, loose or missing fasteners. Check for cleanliness, connection and mounting security. Access B330				
ALL	31. ADF sense antenna for damage or looseness, and end-connection security. Access B330				
ALL	32. Communications and radar warning blade antennas for cracks, delamination or other damage, loose or missing fasteners. Check for cleanliness, connection and mounting security.				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
TAILBOOM - 13			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware. Steps for damage, structural integrity, and mounting security.				
ALL	2. Access panels and fairings for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Fairing hinges and latches for damage, binding, security, and proper operation. Check for worn or deteriorated seals.				
ALL	3. Interior components for mounting security and loose or missing hardware.				

PHASE NO. _____	Area Name and No. TAILBOOM - 13	Aircraft Serial No.	Date		
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Tailboom deck structure for cracks, distortion, corrosion, loose or working rivets, and loose or missing hardware. Access R410, R475				
2,4	5. **TAIL ROTOR DRIVE SHAFTS AND COUPLINGS FOR CRACKS, DENTS, DISTORTION, CORROSION, AND EVIDENCE OF INTERFERENCE.** Access R410, R475				
2,4	6. **TAIL ROTOR DRIVE SHAFT AND COUPLING BOLTS FOR PROPER INSTALLATIONS.** Access R410, R475				
2,4	7. **TAIL ROTOR DRIVE SHAFT AFT HANGER FOR CRACKS OR CORROSION. HANGER BRACKET FOR CRACKS AND MOUNTING SECURITY.** Access R410, R475				

PHASE NO. _____	Area Name and No. TAILBOOM - 13		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	8. **ANTI-FLAIL UNITS FOR CRACKS, DISTORTION, AND MOUNTING SECURITY.** Access R410, R475				
2,4	9 **DRIVE SHAFT DAMPERS FOR CRACKS. CHECK DAMPERS FOR WEAR.** Access R410, R475				
2,4	10. **DRIVE SHAFT DAMPER BRACKETS FOR CRACKS, DENTS, CORROSION, AND MOUNTING SECURITY.** Access R410, R475				
2,4	11. **DRIVE SHAFT DAMPERS FOR PROPER FRICTION ADJUSTMENT.** Access R410, R475				

PHASE NO. _____	Area Name and No. TAILBOOM - 13		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	12. TAIL ROTOR FLIGHT CONTROL RODS FOR DENTS, CRACKS, CORROSION, SECURITY, AND EVIDENCE OF INTERFERENCE. CHECK ROD ENDS FOR LOOSENESS. Access R410, R475				
ALL	13. TAIL ROTOR FLIGHT CONTROL BELLCRANKS FOR CRACKS, CORROSION, SECURITY, AND EVIDENCE OF INTERFERENCE. CHECK PIVOT BEARINGS FOR LOOSENESS. Access R410, R475				
2,4	14. Stowage compartment interior structure for cracks, distortion, or corrosion, loose or missing rivets or fasteners. Access L330, R330				

PHASE NO. _____	Area Name and No. TAILBOOM - 13		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	15. Tailboom interior hydraulic components and lines for leakage, dents, corrosion, chafing and security. Access L330, R330				
2,4	16. Tailboom interior wiring harness for chafing, deterioration, and security. Access L330, R330				
ALL	17. **TAILBOOM ARMOR COMPONENTS FOR CRACKED OR BROKEN PLATES OR CHANNELS. CHECK FOR LOOSE OR MISSING ATTACHING HARDWARE.** Access T355, R410, R475				
ALL	18. **FORMATION LIGHT FOR CORROSION, LOOSE OR MISSING FASTENERS, AND SECURITY. LENSES FOR CRACKS, LOOSENESS, OR DISCOLORATION. CHECK CONDITION OF WIRINGS.** L325 open				

PHASE NO. _____	Area Name and No. TAILBOOM - 13		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	19. Chaff dispenser for mounting security, cracks, corrosion, and loose or missing fasteners.				
2,4	20. **TAILBOOM SPLICE (FS 436.5/ 476.6) FOR SHEARED OR WORKING RIVETS, CORROSION, CRACKED OR DEFORMED SKIN.**				

PHASED MAINTENANCE CHECKLIST

PHASE NO. _____

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
EMPENNAGE, TAIL ROTOR, AND TLG - 14			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Exterior skin for holes, cracks, dents, corrosion, loose or working rivets, and loose or missing attaching hardware. Handholds and steps for damage, structural integrity, and mounting security.				
ALL	2. Access panels and fairings, for deformation, cracks, corrosion, loose or working rivets, and loose or missing hardware. Lanyards for security and condition. Check for any worn or deteriorated seals.				
ALL	3. Interior components for mounting security and loose or missing hardware. Access L545, R545				

PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	4. Interior structure for cracks, corrosion, loose or working rivets, and loose or missing hardware.				
ALL	5. **VERTICAL STABILIZER MOUNT FITTINGS FOR CRACKS OR DISTORTION. MOUNTING BOLTS AND BARREL NUTS FOR DAMAGE AND SECURITY.** Access L510, R510				
ALL	6. **STABILIZER NAVIGATION AND FORMATION LIGHTS FOR CORROSION, LOOSE OR MISSING FASTENERS, AND SECURITY. LENSES FOR CRACKS, LOOSENESS, OR DISCOLORATION. CHECK CONDITION OF WIRING.** Remove R578 for interior access.				

PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	7. Stabilizer radar warning antennas for damage and mounting security, condition of wiring. Remove T545 for interior access.				
2,4	8. **STABILIZER SPAR BOX FOR CRACKS, CORROSION, DISTORTION, LOOSE OR WORKING RIVETS.** Access L510, R510, L530, L540, L550				
2,4	9. **HYDRAULIC LINES AND COUPLINGS FOR LEAKS, CRACKS, CHAFING, CLAMPING SECURITY.** Access L510, R510, L530, L540, L550				
2,4	10. **STABILIZER TRAILING EDGE ANTENNA FOR DEBONDING AND CORROSION.**				

PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	11. STABILATOR STRUCTURE AND SKINS FOR CRACKS, DENTS, DISTORTION, LOOSE OR MISSING RIVETS OR FASTENERS.				
ALL	12. STABILATOR TIP FAIRINGS FOR LOOSE OR MISSING SCREWS, CRACKS.				
ALL	13. STABILATOR ACTUATOR FOR CRACKED, DEFORMED OR JAMMED JACKSCREW, LOOSE ROD END BEARINGS. WIRING FOR CHAFING, DETERIORATION, SECURITY, AND PROPER CONNECTION. CHECK STABILATOR FITTINGS FOR CRACKS, LOOSE OR MISSING HARDWARE, WORN OR SEIZED BEARINGS. Access L545, R545				
ALL	14. STABILATOR POSITION TRANSDUCER FOR MOUNTING SECURITY. CHECK WIRING FOR CONNECTION SECURITY AND CHAFING.				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
EMPENNAGE, TAIL ROTOR, AND TLG - 14			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	15. **STABILATOR PIVOT BOLTS, PIVOT BEARINGS, AND PIVOT BOSSES FOR CRACKS, DISTORTION, CORROSION, AND CLEANLINESS.** Check pivot bushings for lateral looseness. Access LS1, RS1, L545, R545 **CAUTION: DO NOT USE TAIL ROTOR CONTROL PUSHRODS AS HAND-HOLDS.**				
ALL	16. INTEIMEDIATE GEARBOX HOUSING, INPUT AND OUTPUT RETAINERS FOR CRACKS, DISTORTION, AND SECURITY. CHECK FOR GREASE LEAKAGE OR EVIDENCE OF OVERHEATING (discoloration) GEARBOX MOUNT FITTINGS FOR CRACKS OR DISTORTION. CHECK GREASE LEVEL. Acces L510, R510				
2,4	17. **INTERMEDIATE GEARBOX MOUNTING BOLTS FOR PROPER TORQUE.** Acces L510, R510				

PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	18. **INTERMEDIATE GEARBOX COOLING FAN, SHROUD AND DIFFUSER FOR CRACKS OR DISTORTION. CHECK FOR CRACKED OR BENT IMPELLER, LOOSE OR MISSING HARDWARE.** Access L510, R510				
2,4	19. Intermediate gearbox thermistors for insulation damage, grease leakage, and security. Check for secure harness splices. Access L510, R510				
2,4	20. Intermediate gearbox wiring harness for loose connections, chafing, or deterioration. Access L510, R510				

PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14	Aircraft Serial No.	Date	
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	21. TAIL ROTOR DRIVE SHAFT AND COUPLINGS FOR CRACKS, DENTS, DISTORTION, OR CORROSION. BALANCING TAPES FOR SECURITY. Access L510, R510, L530, L540				
2,4	22. TAIL ROTOR DRIVE SHAFT AND COUPLING BOLTS FOR PROPER INSTALLATION. Access L510, R510, L530, L540				
ALL	23. TAIL ROTOR GEARBOX BRACE FOR LOOSE, WORN, OR FROZEN BEARING, CRACKED OR BROKEN FITTINGS, CRACKED STRUT, LOOSE OR MISSING HARDWARE. Access L540				

PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	24. **TAIL ROTOR GEARBOX HOUSING, INPUT AND OUTPUT RETAINERS FOR CRACKS, DISTORTION, AND SECURITY. CHECK FOR GREASE LEAKAGE OR EVIDENCE OF OVERHEATING (discoloration). GEARBOX MOUNT FITTINGS FOR CRACKS OR DISTORTION.** Access L530, L540				
ALL	25. **TAIL ROTOR GEARBOX MOUNTING BOLTS FOR PROPER INSTALLATION.** Access L530, L540				
2,4	26. Tail rotor gearbox thermistors for insulation damage, grease leakage, and security. Check for secure harness splices. Access L530, L540				
2,4	27. Tail rotor gearbox wiring harness for loose connections, chafing, or deterioration. Access L530, L540				

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PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	28 TAIL ROTOR FLIGHT CONTROL RODS FOR DENTS, CRACKS, CORROSION, SECURITY, AND EVIDENCE OF INTERFERENCE. CHECK ROD ENDS FOR LOOSENESS, WORN OR SEIZED BEARINGS. CHECK TAIL ROTOR BLADES AND SWASHPLATE CONTROL FORCES. Access L510, R510, L530, L540				
2,4	29. TAIL ROTOR FLIGHT CONTROL BELLCRANKS FOR CRACKS, CORROSION, SECURITY, AND EVIDENCE OF INTERFERENCE. CHECK FLOATING BUSHING CLAMP-UP, AND PIVOT BEARINGS FOR LOOSENESS. Access L510, R510, L530, L540				
2,4	30. TAIL ROTOR FLIGHT CONTROL SERVOACTUATOR FOR LEAKAGE, CRACKS, OR CORROSION. ROD END AND BASE CLEVIS FOR BEARING DAMAGE AND ATTACHMENT SECURITY. CHECK ROD END FOR RADIAL LOOSENESS. Access L530, L540				

PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4	31. **TAIL ROTOR SWASHPLATES FOR CRACKS OR CORROSION. CHECK FOR LOOSENESS BETWEEN STATIONARY AND ROTATING SWASHPLATES.** Access L530, L540				
2,4	32. **TAIL ROTOR ROTATING SCISSORS FOR CRACKS, CORROSION, AND SECURITY. CHECK PIVOT BEARINGS FOR WEAR.**				
ALL	33. TAIL ROTOR HEAD FOR CRACKS, DISTORTION, CORROSION, AND SECURITY. CHECK ATTACHING STUDS FOR LOOSENESS. TAIL ROTOR SWASHPLATE FREEPLAY MEASUREMENT CHECK.				
ALL	34. **TAIL ROTOR FORK YOKE TEETERING BEARING FOR CRACKS, SEPARATION, OR DETERIORATION. BEARING CENTER STUDS FOR BENDING OR LOOSENESS.**				

PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14		Aircraft Serial No.		Date
Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	35. TAIL ROTOR TEETERING STOPS FOR CRACKS OR DISTORTION.				
ALL	36. TAIL ROTOR ROOT BLADE BOLTS FOR BENDING, CRACKS, OR LOOSENESS.				
ALL	37. TAIL ROTOR BLADE SPARS AND ROOT FINGER DOUBLERS FOR DELAMINATION.				
ALL	38. TAIL ROTOR BLADE LEADING EDGES FOR CRACKS, DENTS, DISTORTION, OR EROSION. CHECK LEADING EDGE TIPS FOR LOOSE OR MISSING HARDWARE.				
2,4	39. TAIL ROTOR BLADE BUSHINGS (inside root fittings) FOR LOOSENESS. DUST BOOTS FOR DAMAGE, MISALINEMENT, AND SECURITY.				
2,4	40. TLG ARMS FOR CRACKS, BENDING, DISTORTION, AND SECURITY. CHECK FOR PIVOT PIN AND BUSHING LOOSENESS. Access L545, R545				

PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	41. TLG HYDRAULIC (WHEEL LOCK ACTUATOR) HOSE FOR LEAKAGE, CHAFING, AND SECURITY. Access L545, R545				
2,4	42. TLG WIRING HARNESS FOR LOOSE CONNECTIONS. CHAFING OR DETERIORATION. Access L545, R545				
ALL	43. TLG WHEEL LOCK ACTUATOR FOR LEAKAGE, CRACKS, AND SECURITY. CHECK LOCKING HANDLE AND LINKAGE FOR FREE MOVEMENT, FULL TRAVEL, AND LATERAL LOOSENESS.				
2,4	44. TLG WHEEL LOCK PROXIMITY SWITCH AND TARGET FOR MISALINEMENT AND SECURITY. SWITCH FOR DAMAGED INSULATION OR LOOSE CONNECTIONS.				
ALL	45. TLG WHEEL FOR CRACKS, DISTORTION, OR CORROSION. HUB FOR GREASE LEAKAGE. TIRE FOR TREAD DAMAGE OR UNEVEN WEAR. REPACK WHEEL BEARINGS AND CHECK FOR SMOOTH OPERATION.				

PHASE NO. _____	Area Name and No. EMPENNAGE, TAIL ROTOR, AND TLG - 14	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	46. **TLG SHOCK STRUT FOR LEAKAGE, CRACKS, DISTORTION, OR CORROSION. ROD ENDS FOR BEARING DAMAGE.**				
2,4	47. **TAIL WHEEL AXLE BEARINGS FOR SMOOTH OPERATION.**				
2,4	48. **TAILBOOM END FRAME (FS 547.15) FOR CRACKS, CORROSION, WORN OR FAILED BEARING OR BUSHING, LOOSE OR WORKING RIVETS.** Access L545, R545, B545				

PHASE NO. _____	Area Name and No. POWER ON CHECKS	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. APU started.				
ALL	2. FDLS end-to-end check conducted.				
ALL	3. **FLIGHT CONTROLS ACTUATED THROUGH FULL STOP-TO-STOP RANGES. CHECK MAIN AND TAIL ROTOR PITCH CHANGE FUNCTIONS FOR FULL TRAVEL AND CONTROL RESPONSE. CHECK FOR BINDING, LOOSENESS, OR NOISY OPERATION.**				
ALL	4. Deleted				
ALL	5. Deleted				
ALL	6. Deleted				

PHASE NO. _____	Area Name and No. POWER ON CHECKS	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	7. Deleted				
ALL	8. Deleted				
ALL	9. Battery charger operational check conducted.				
ALL	10. Fuel boost pump operated. Check fuel pressure light.				

PHASE NO. _____	Area Name and No. POWER ON CHECKS	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	11. **FUEL SYSTEM LEAK-CHECKED.**				
ALL	12. **STABILATOR ACTUATED THROUGH FULL TRAVEL RANGE. CHECK FOR SMOOTH OPERATION WITH NO LOST MOTION OR BINDING.**				
ALL	13. Avionics bay cooling fan check conducted. Check forward and aft bay fans for smooth operation.				
ALL	14. **WINDSHIELD ANTI-ICE SYSTEM OPERATIONAL CHECK CONDUCTED.**				
ALL	15. Rotor brake check conducted. Check BRAKE, LOCK, and OFF operational modes.				
ALL	16. Deleted				
ALL	17. Pitot heat check conducted.				

PHASE NO. _____	Area Name and No. POWER ON CHECKS	Aircraft Serial No.	Date

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	18. **WARNING: DO NOT FIRE LASER.** **TADS/PNVS OPERATIONAL CHECK CONDUCTED. CHECK FOR SMOOTH COMPONENT FUNCTIONS.**				
ALL	19. Engines started.				
ALL	20. HIT check conducted on both engines.				
ALL	21. FDLS operated for transmission and nose gearbox transducer check. Call up main transmission and nose gearbox temperatures and oil pressures.				
ALL	22. **ENGINE ANTI-ICE SYSTEM OPERATED. VERIFY RISE IN ENGINE TGT.**				
ALL	23. ENCU operated for air flow check. Verify adequate air in pilot and CPG stations. Check ENCU maximum heat and maximum cold outputs.				

PHASE NO. _____ **PHASED MAINTENANCE CHECKLIST**

Area Name and No.	Aircraft Serial No.	Date	Total Hrs. This Area
FINAL INSPECTION REQUIREMENTS			

Inspect Phase Nos	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL	1. Make certain that all entries on forms, records, and work sheets have been completed or updated and new forms initiated as required, and/or have been carried forward on DA Form 2408-13 or DA Form 2408-14.				
ALL	2. Perform Post-Inspection Maintenance Operational Checks (MOC), as required, in accordance with requirements of TM 55-1500-328-25.				
ALL	3. Perform Daily Inspection in accordance with TM 55-1520-238-PMD.				
ALL	4. Perform Post-Inspection MTF in accordance with TM 55-1520-238-MTF and TM 55-1500-328-25.				

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR.
General, United States Army
Chief of Staff

Official:

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:
To be distributed in accordance with DA Form 12-31, Phase Maintenance requiremen
for AH-64 Helicopter, ATTACK (APACHE).

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SSG. JOE JONES
E TROOP 5TH CAV
1ST TRAINING BDG
FORT KNOX, KENTUCKY

DATE

PUBLICATION NUMBER	DATE	TITLE
TM 55-1520-238-PM	31 Oct 86	PHASED MAINTENANCE ARMY MODEL AH-64A HELICOPTER

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PAGE NO.	PARAGRAPH	FIGURE NO.	TABLE NO.
2-17			

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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
1 decimeter = 10 centimeters = 3.94 inches
1 meter = 10 decimeters = 39.37 inches
1 dekameter = 10 meters = 32.8 feet
1 hectometer = 10 dekameters = 328.08 feet
1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
1 decigram = 10 centigrams = 1.54 grains
1 gram = 10 decigram = .035 ounce
1 dekagram = 10 grams = .35 ounce
1 hectogram = 10 dekagrams = 3.52 ounces
1 kilogram = 10 hectograms = 2.2 pounds
1 quintal = 100 kilograms = 220.46 pounds
1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
1 deciliter = 10 centiliters = 3.38 fl. ounces
1 liter = 10 deciliters = 33.81 fl. ounces
1 dekaliter = 10 liters = 2.64 gallons
1 hectoliter = 10 dekaliters = 26.42 gallons
1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	*To*	*Multiply by*	*To change*	*To*	*Multiply by*
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29,573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

PIN: 057350-000